

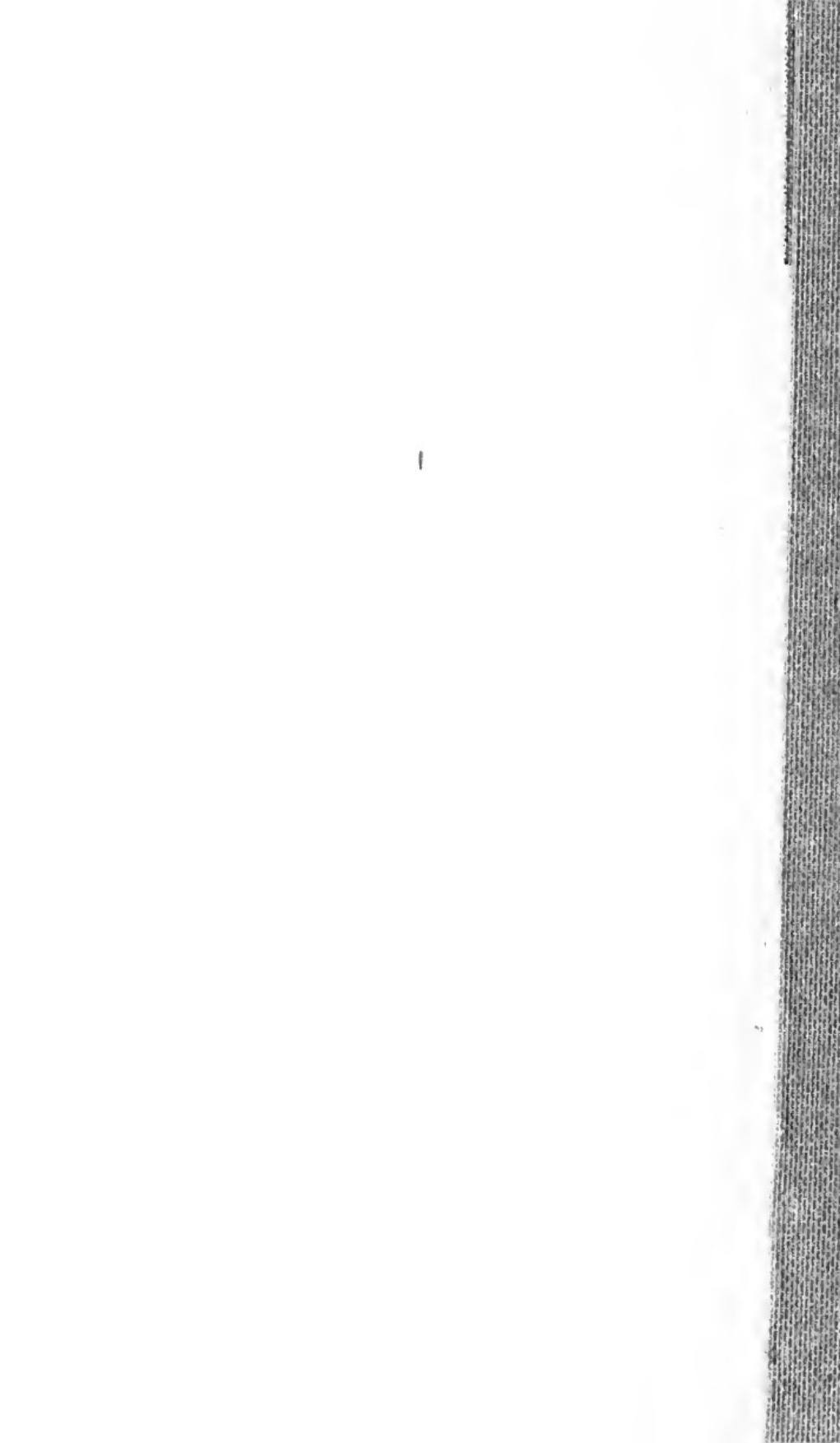
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Alman

V

Vox Stellarum

1842-1846





OR, A LOYAL

FOR THE YEAR OF HUMAN REDEMPTION

17570

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BEING THE SECOND AFTER BISSEXTILE; AND THE SIXTH
OF THE REIGN OF HER PRESENT MAJESTY:

CONTAINING,

AMONGST A GREAT VARIETY OF USEFUL MATTER,

THE EQUATION OF TIME FOR SETTING CLOCKS AND WATCHES; THE RISING
AND SETTING OF THE PLANETS; OCULTATIONS; MUTUAL ASPECTS, ETC.

A Correct Tide Table;

A TABLE OF KINGS' AND QUEENS' REIGNS;

WITH ASTROLOGICAL OBSERVATIONS ON THE FOUR QUARTERS
OF THE YEAR; AND

A HIEROGLYPHIC ADAPTED TO THE TIMES.



LONDON:

BY G. WOODFALL AND SON, ANGEL COURT, SKINNER STREET;
AND SOLD BY GEORGE GREENHILL, AT THEIR HALL,
LUDGATE STREET.

PRICE SIXPENCE, STITCHED.

THE New Year comes at last!—stern Winter reigns,
 The snow-flakes dance,—the hoar-frost gems the plains:
 The birds in flocks fly through old Janus' gloom,—
Flora looks sad, although her snow-drops bloom:
 Now *Jove* meets *Saturn*;—and in *Leo's* ire,
 The Moon's eclipsed;—some great events transpire!

M	W		⊕	☽	☽'s A & sets.	⊕ rises	
D	D	•	○	☽		h. m.	
1	S		○	☽			Stormy and
2			11	bowels	20 10 a 6		[* ♀ ♂]
3	M	☽ rises 7 40 mo.	12	belly	21 11 29	☽ in aphelion;	
4	Tu	☽ rises 7 29 mo.	13	reins	22 morn.	♂ ♀ ♍	
5	W	Day 7 57 long	14	loins	23 0 50	♂ ♀ ♂	
6	Th		15	Scorpio	24 2 10	cold; gloomy,	
7	F		16	domin.	25 3 29	but generally	
8	S	<i>Lucian</i>	17	hips	26 4 43	fair.	
9			18	and	27 5 52	♀ in ♈	
10	M	<i>Plough Monday</i>	19	thighs	28 6 50	♂ ♀ ♍	
11	Tu	<i>Hilary Term beg.</i>	20	knees	29 7 35	♂ ♀ ♂	
12	W	♂ sets 8 10 aft.	21	hams	N sets	○ eclips. invis.	
13	Th	<i>Hil. Cam. T. beg.</i>	22	legs	1 5 a 10	Frosty, with	
14	F	<i>Oxf. Term beg.</i>	23	and	2 6 21	* ♀ ♂	
15	S		24	ancles	3 7 30	snow showers.	
16			25	feet	4 8 39	* ♂ ♍	
17	M	♀ rises 7 24 mo.	26	toes	5 9 48	* ♂ ♂	
18	Tu	<i>Prisca</i>	27	head	6 10 57	♂ sup. ♀ ○	
19	W	Day iner. 0 41	28	and	7 morn.	Cold rain,	
20	Th	<i>Fabian</i>	29	face	8 0 8	or snow may	
21	F	<i>Agnes</i>	30	neck	9 1 24	now be ex-	
22	S	<i>Vincent</i>	1	throat	10 2 41	pected.	
22			2	arms	11 3 59	* ♀ ♂	
23			3	shonld.	12 5 12	Atmosphere	
24	M	☽ sets 4 50 aft.	4	breast	13 6 12	often bright	
25	Tu		5	stom.	14 7 0	and clear.	
26	W		6	heart	F rises	♂ ♍ ♂; ☽ el.	
27	Th		7	back	16 6 a 6	[vis.]	
28	F	Day br. 5 49	8	bowels	17 7 38	Hard frost,	
29	S		9	belly	18 8 5	with severe	
30			10	reins	19 10 31	easterly	
31	M	<i>Hil. Term ends</i>	11	loins	20 11 54	winds.	

Mean obliquity of Ecliptic, Jan. 1st, $23^{\circ} 27' 36''$.
 Jan. 12th, 1st of Sebat.

The 10 day, at 8^h 44^m morn. Jupiter } is in
 The 10 day, at 11 42 morn. Venus } ecliptic
 The 10 day, at 0 16 aftern. Saturn } conjunction
 The 11 day, at 7 43 morn. Mercury } with the
 The 15 day, at 1 28 aftern. Mars } Moon.

M			Moon	
D			South.	
1	8	4 3 56	3m38	<i>THE depth of Rain in Jan. 1840, at Aberdeen, was 2·427 inches; Epping-</i>
B	8	4 3 56	4 28	
3	8	3 3 57	5 16	
4	8	3 3 57	6 4	<i>ham, 1·87; Epping, 2·938; Falmouth,</i>
5	8	2 3 58	6 52	<i>6·414; Gosport, 4·220; Greenwich,</i>
6	8	1 3 59	7 42	<i>2·92; and York, 2·740.</i>
7	8	0 4 0	8 33	
8	8	0 4 0	9 26	PLUVIAL ANTICIPATIONS.
B	7	59 4 1	10 19	From the planetary and lunar positions
10	7	58 4 2	11 11	
11	7	57 4 3	0 a 1	
12	7	56 4 4	0 48	and configurations, we may, in parti-
13	7	55 4 5	1 32	cular, expect rain or snow (but more
14	7	53 4 7	2 14	probably the latter, as the temperature
15	7	52 4 8	2 54	of this month is likely to be below its
B	7	51 4 9	3 34	mean) on or about the 2d, 9th, 15th,
17	7	50 4 10	4 14	20th, and 25th days of this month.
18	7	49 4 11	4 56	
19	7	47 4 13	5 40	
20	7	46 4 14	6 29	
21	7	45 4 15	7 22	
22	7	43 4 17	8 20	This year I again present my readers
B	7	41 4 19	9 22	with the monthly depth of Rain, as
24	7	39 4 21	10 25	taken at or near the surface of the
25	7	38 4 22	11 28	ground, in 1840, at Aberdeen, Scot-
26	7	36 4 24	morn.	
27	7	35 4 25	0 28	
28	7	33 4 27	1 24	land; <i>Empingham, Rutlandshire; Epp-</i>
29	7	32 4 28	2 17	<i>ping, Essex; Falmouth, Cornwall; Gos-</i>
B	7	30 4 30	3 8	<i>port, Hampshire; Greenwich, Kent;</i>
31	7	28 4 32	3 57	and at the city of York.

☽ in apogee, 14th day; perigee, 27th day.

⊕'s semidiam. 1st day, 16° 17''; 11th, 16° 17''; 21st, 16° 16''.

THESE lengthening days the approach of Spring presage,
Though clouds roll o'er, and bleak the north winds rage:
The thrush and wood-lark chaunt their matin lay;
Now buds are seen; some plants their flowers display:
The great *Conjunction* works,—which *Mexico,*
Greece, India, Russia, Saxony, will show!

M D	W D		⊕ ≡		D's A	▷ rises & sets.	
			o			h. m.	
1 Tu	h rises 5 58 mo.	12 Scor-	21	morn.	Rough cold		
2 W		13 pio	22	1 15	winds, with		
3 Th	<i>Blaise</i>	14 domin.	23	2 34	♂ ♂ H		
4 F	Day 9 17 long	15 hips	24	3 44	snow or		
5 S	<i>Agatha</i>	16 thighs	25	4 45	rain.		
6		17 knees	26	5 34			
7 M	u rises 5 45 mo.	18 and	27	6 11	Stormy, cold		
8 Tu		19 hams	28	6 40	weather yet		
9 W		20 legs	29	7 0	continues,		
10 Th		21 ancles	N	sets	attended		
11 F	Day incr. 1 58	22 feet	1	6 a 29	♀ in ♀; ♀ in aph.		
12 S	♂ sets 8 26 aft.	23 and	2	7 37	* ♀ h		
13		24 toes	3	8 46	* ♀ u		
14 M	<i>Valentine</i>	25 head	4	9 56	with snow.		
15 Tu	♀ rises 7 14 mo.	26 face	5	11 9	♀ elong. max.		
16 W		27 neck	6	morn.	[♀ in per.		
17 Th		28 and	7	0 24			
18 F	♀ sets 7 2 aft.	29 throat	8	1 39	The atmo-		
19 S	h rises 4 55 mo.	x arms	9	2 52	sphere oft		
20		2 should.	10	3 57	moist and		
21 M	u rises 5 0 mo.	3 breast	11	4 49	♀ stationary.		
22 Tu	♂ sets 8 30 aft.	4 stom.	12	5 29	chilly.		
23 W	♀ rises 7 5 mo.	5 heart	13	5 58			
24 Th		back	14	6 22	Squally at		
25 F	♀ sets 6 44 aft.	7 bowels	F	rises	times, with		
26 S	Day br. 5 1	8 belly	16	7 a 58	showers,		
27		9 reins	17	9 26	but not un-		
28 M		10 loins	18	10 52	seasonable.		

JUPITER, **u**, will be a *Morning Star* until July 11th; and an *Evening Star* for the remainder of the year.

Moon's ascending node, Jan. 1st, $0^\circ \approx 54'$; Dec. 31st, $11^\circ 19' 37''$.
Feb. 11th, 1st of Adar; 23d, Fast of Esther; 24th, Purim; 25th, 2d day.

The 7 day, at 0^h 12^m morn. Saturn
 The 7 day, at 2 48 morn. Jupiter } is in
 The 9 day, at 11 3 aftern. Venus } ecliptic
 The 12 day, at 2 18 morn. Mercury } conjunction
 The 13 day, at 4 42 aftern. Mars } with the
 Moon.

M	D			Moon South.	
		h. m.	h. m.	h. m.	
1	7	27	4 33	4m 47	<i>The depth of Rain in Feb. 1840, at</i>
2	7	25	4 35	5 38	
3	7	23	4 37	6 30	<i>Aberdeen, was 2·103 inches; Empingham, 1·13; Epping, 1·260; Falmouth,</i>
4	7	22	4 38	7 22	<i>Gosport, 3·815; Greenwich, 1·38; and York, 1·530.</i>
5	7	20	4 40	8 15	
B	7	18	4 42	9 7	
7	7	17	4 43	9 57	
8	7	15	4 45	10 45	<i>Rain or snow, more or less, about the 1st, 5th, 10th, 15th, 18th, and 25th.</i>
9	7	13	4 47	11 30	
10	7	11	4 49	0 a 13	
11	7	9	4 51	0 54	
12	7	7	4 53	1 34	<i>Astrological Observations and Predictions relating to Mundane Affairs.</i>
B	7	6	4 54	2 14	
14	7	4	4 56	2 54	<i>Descend, <i>Urania</i>, with prophetic flame,</i>
15	7	2	4 58	3 37	<i>And spread the glowing trophies of thy name:</i>
16	7	0	5 0	4 23	<i>Unveil the secrets of the erratic stars,</i>
17	6	58	5 2	5 13	<i>Show me the cause of peace and direful wars:</i>
18	6	56	5 4	6 7	
19	6	55	5 5	7 5	<i>Fate's mystic scroll unfold, so that my pen</i>
B	6	53	5 7	8 6	<i>May briefly shew my Friends and Country-</i>
21	6	51	5 9	9 7	<i>men,</i>
22	6	49	5 11	10 7	<i>The great events which Time, on rapid wing,</i>
23	6	47	5 13	11 5	<i>Will to Earth's various states and empires</i>
24	6	45	5 15	12 0	<i>bring.</i>
25	6	43	5 17	morn.	
26	6	41	5 19	0 52	<i>COURTEOUS READER.—Having been</i>
B	6	39	5 21	1 44	<i>led by the hand of a benign Providence</i>
28	6	37	5 23	2 36	<i>through</i>

VENUS, ♀, will be a *Morning Star* until Feb. 16th; then an *Evening Star* until Dec. 18th; and a *Morning Star* for the remainder of the year.

☽ in apogee, 10th day; perigee, 24th day.

⊕'s semidiam. 1st day, 16° 15''; 11th, 16° 13''; 21st, 16° 11''.

Thy winds, O *March!*—relieve the burthen'd plain,
 Dry the drench'd land,—prepare it for the grain:
 The tender lambs require the shepherd's care,
 Th' industrious swains to fields and woods repair:
Mercury salutes the *Sun*, and *Venus* too:
 May wisdom shine,—may plighted love prove true.

M	W		⊕		☽	D's	☽ rises	
D	D		X		A	& sets.		
			o			h.	m.	
1	Tu	<i>David</i>		11	Scorpio	19	morn.	Showery.
2	W	<i>Chad</i>		12	domin.	20	0 14	* ⊕ h, □ ♂ h
3	Tu	h rises 4 10 mo.		13	hips	21	1 31	♂ ♀ ♀, * ♀ h
4	F	♀ rises 4 24 mo.		14	thighs	22	2 37	[♂ inf. ♀ ⊖]
5	S	Day 11 5 long		15	knees	23	3 32	♂ sup. ♀ ⊖
6				16	and	24	4 12	Fair and
7	M	<i>Perpetua</i>		17	hams	25	4 43	* ⊕ ♀, * ♀ ♀
8	Tu	♂ sets 8 34 aft.		18	legs	26	5 6	□ ♂ ♀
9	W	♀ sets 5 52 aft.		19	ancles	27	5 23	frosty.
10	Tu	♀ rises 5 49 mo.		20	feet	28	5 38	
11	F	Day incr. 3 45		21	and	29	5 53	Squally
12	S	<i>Gregory</i>		22	toes	N	sets	with sleet,
13				23	head	1	7 a 46	or cold rain.
14	M	h rises 3 29 mo.		24	face	2	8 59	
15	Tu	♀ rises 3 47 mo.		25	neck	3	10 13	♂ H ⊖; ♀ stat.
16	W	♂ sets 8 37 aft.		26	and	4	11 27	
17	Th	<i>St. Patrick</i>		27	throat	5	morn.	Dry, with
18	F	<i>Edw. K. W. Sax.; Cam. T. e.</i>		6	0 41			sunny days
19	S	<i>Oxford Term ends</i>		29	should.	7	1 48	and frosty
20				29	breast	8	2 43	nights.
21	M	<i>Benedict</i>	♀	stom.	9	3 26	♀ in ♀	
22	Tu			heart	10	3 58	Changeable	
23	W	♀ sets 6 38 aft.		2 back	11	4 22	weather	
24	Tu	<i>Maundy Thursd.</i>		3 bowels	12	4 43	to the end	
25	F				13	5 1	♀ in ♀	
26	S	Day br. 3 54		5 reins	F	rises		of the
27				6 loins	15	8 a 19		month.
28	M			7 Scorpio	16	9 45		
29	Tu			8 domin.	17	11 7	♂ in ♀; □ ♀ h	
30	W			9 hips	18	morn.	♀ elong. max.	
31	Th			10 and	19	0 20	♀ in aphelion.	

March 12th, 1st of Nisan; March 26th, 15th of Nisan, Passover;
 March 27th, 2d day.

The 6 day, at 11^h 7^m morn. Saturn } is in
 The 6 day, at 7 29 aftern. Jupiter } ecliptic
 The 10 day, at 11 30 aftern. Mercury } conjunction
 The 12 day, at 10 11 morn. Venus } with the
 The 14 day, at 7 27 aftern. Mars } Moon.

M			Moon	
D			South.	
	h.	m.	h.	m.
1	6	35	5	25
2	6	33	5	27
3	6	31	5	29
4	6	30	5	30
5	6	28	5	32
B	6	26	5	34
7	6	24	5	36
8	6	22	5	38
9	6	20	5	40
10	6	18	5	42
11	6	16	5	44
12	6	13	5	47
B	6	11	5	49
14	6	9	5	51
15	6	7	5	53
16	6	5	5	55
17	6	3	5	57
18	6	1	5	59
19	5	59	6	1
B	5	57	6	3
21	5	55	6	5
22	5	53	6	7
23	5	51	6	9
24	5	49	6	11
25	5	47	6	13
26	5	45	6	15
B	5	43	6	17
28	5	41	6	19
29	5	39	6	21
30	5	37	6	23
31	5	35	6	25
				With

through the vicissitudes of the past year; let us hope that the same protecting Arm will also shield us against the adversities of the eventful year

1842; which, on a critical examination of the various positions and configurations of the planetary bodies, seems likely to prove a period fraught with many transcendent mutations as respects the political, ecclesiastical, and

civil affairs of the world; so much so, indeed, that at some future time we may expect that it will be conspicuously chronicled on the tablet of history.

⊕ in apogee, 9th day; perigee, 24th day.
 ○'s semidiam. 1st day, 16' 9"; 11th, 16' 7"; 21st, 16' 4".

THE goodness of the great Supreme appears
 In all the seasons of revolving years ;
 Now Albion's race survey serener skies,
 From Spring's embrace a thousand beauties rise :
 May Heaven protect our favour'd land from foes,
 From all that would *Britannia's* peace oppose.

M	W		⊕		D's	D rises	
D	D		Ψ		A	& sets.	
1	F	h rises 2 23 mo.	o		11	thighs	20 1 m 22
2	S	Day 12 58 long	Ψ		12	knees	21 2 8
3					13	hams	22 2 44
4	M	<i>St. Ambrose</i>			14	legs	23 3 9
5	Tu				15	and	24 3 29
6	W	<i>O. La. Day: Oxf.</i>			16	ancles	25 3 45
7	Th	[& Camb. T.b.]			17	feet	26 3 59
8	F	u rises 2 24 mo.			18	toes	27 4 12
9	S	g sets 8 44 aft.			19	head	28 4 26
10					20	and	N sets few days.
11	M	Day incr. 5 48			21	face	1 8 a 1
12	Tu	g sets 7 41 aft.			22	neck	2 9 15
13	W	g rises 4 45 mo.			23	throat	3 10 30
14	Th				24	arms	4 11 40
15	F	<i>Easter Term beg.</i>			25	should.	5 morn. △ g h
16	S	h rises 1 26 mo.			26	breast	6 0 38
17					27	stom.	7 1 24
18	M	u rises 1 47 mo.			28	heart	8 1 59
19	Tu	<i>Alphege</i>			29	and	9 2 25
20	W				g	back	10 2 45
21	Th	g sets 8 46 aft.			1	bowels	11 3 3
22	F	g sets 8 13 aft.			2	belly	12 3 20
23	S				3	reins	13 3 38
24					4	loins	F rises
25	M				5	Scorpio	15 8 a 39
26	Tu	g rises 4 28 mo.			6	domin.	16 9 57
27	W				7	hips	17 11 5
28	Th	Day br. 2 13			8	thighs	18 12 0
29	F				9	knees	19 morn. △ g u
30	S				10	and	20 0 39
							weather.

April 11th, 1st of Yiar.

The 2 day, at 9^h 21^m aftern. Saturn
 The 3 day, at 10 19 morn. Jupiter
 The 8 day, at 3 5 aftern. Mercury
 The 11 day, at 5 52 aftern. Venus
 The 12 day, at 3 44 aftern. Mars
 The 30 day, at 6 21 morn. Saturn
 The 30 day, at 10 20 aftern. Jupiter

is in
ecliptic
conjunction
with the
Moon.

M	D		Moon South.		
h.	m.	h.	m.	h.	m.
15	33	6	27	4	15 54
25	31	6	29	5	47
B 5	29	6	31	6	37
45	28	6	32	7	24
55	26	6	34	8	8
65	24	6	36	8	50
75	22	6	38	9	31
85	20	6	40	10	11
95	18	6	42	10	52
B 5	16	6	44	11	34
115	14	6	46	0 a	19
125	12	6	48	1	7
135	10	6	50	1	58
145	8	6	52	2	53
155	6	6	54	3	51
165	4	6	56	4	49
B 5	2	6	58	5	47
185	1	6	59	6	42
194	59	7	1	7	36
204	57	7	3	8	27
214	55	7	5	9	17
224	53	7	7	10	7
234	51	7	9	10	59
B 4	50	7	10	11	52
254	48	7	12	morn.	
264	46	7	14	0	47
274	44	7	16	1	44
284	42	7	18	2	40
294	40	7	20	3	36
304	39	7	21	4	28

• in apogee, 5th day; perigee, 21st day.
 •'s semidiam. 1st day, $16' 1''$; 11th, $15' 58''$; 21st, $15' 55''$.

'Tis God, whose care is o'er our sea-girt Isle,
 That, for our comfort, bids the seasons smile:
 The birds sing sweetly,—tender insects rove,
 And lovely verdure decks each sylvan grove:
 What see I now?—the potent *God of War*
 With love's fair *Queen*, and wisdom's transient *Star*!

M D	W D		⊕ 8		♂'s A	♀ rises & sets.	
1			o			h. 1	m. 10
2 M	Day 14	49 long	11 hams	21	1	32	Showers of
3 Tu	<i>Inv. of the Cross</i>		12 legs	22	1	49	♂ ♀ ♂,* ♀ H
4 W	½ rises 0	14 mo.	13 ankles	23	1	49	* ♂ H
5 Th			14 feet	24	2	5	rain mixed
6 F	<i>Jno. Ev. à P. Lat.</i>		15 and	25	2	17	with hail.
7 S	Day incr.	7 21	16 toes	26	2	32	
8			16 head	27	2	46	
9 M	<i>Easter Term ends</i>		17 face	28	3	0	△ ♀ H
10 Tu	4 rises 0	22 mo.	18 neck	29	3	19	Mostly fair,
11 W	♂ sets 8	48 aft.	19 throat	N	sets		♂ sup. ♀ ⊖; 4
12 Th	♀ sets 9	15 aft.	20 arms	1	9 a	27	[stat.; ♀ in ♀]
13 F	<i>Old May Day</i>		21 should.	2	10	31	△ ♀ 4
14 S	<i>Oxf. Term ends</i>		22 breast	3	11	22	but cool.
15			23 and	4	11	58	* ♀ H; ♀ in
16 M			24 stom.	5	morn.		[perih.]
17 Tu			25 heart	6	0	28	Squally,
18 W			26 back	7	0	50	with thun-
19 Th	<i>Dunstan</i>		Oxf. T. b. bowels	8	1	9	* ⊖ H
20 F	♀ sets 9	0 aft.	28 belly	9	1	26	♂ ♀ ♂
21 S	Day br.	0 20	29 reins	10	1	42	der storms
22			II loins	11	2	0	in divers
23 M	<i>Trin. Term beg.</i>		1 Scorpio	12	2	20	places.
24 Tu			2 domin.	13	2	46	Weather
25 W			3 hips	F	rises	very un-	
26 Th	<i>Corpus Christi</i>		4 thighs	15	9 a	46	settled.
27 F	<i>Venerable Bede</i>		5 knees	16	10	33	
28 S			6 and	17	11	8	
29			7 hams	18	11	33	□ ♀ H
30 M			8 legs	19	11	53	Now fair
31 Tu			9 ankles	20	morn.	□ ♀ H	
			10 feet	21	0	8	and warm.

May 10th, 1st of Sivan; May 15th, Pentecost; May 16th, 2d day.

The 10 day, at 10^h 49^m morn. Mercury is in
 The 11 day, at 0 2 aftern. Mars ecliptic
 The 11 day, at 3 57 aftern. Venus conjunction
 The 27 day, at 1 23 aftern. Saturn with the
 The 28 day, at 6 11 morn. Jupiter Moon.

M			Moon	
D			South.	
	h.	m.	h.	m.
B	4	37	7	23
			5m	17
2	4	35	7	25
			6	3
3	4	34	7	26
			6	46
4	4	32	7	28
			7	27
5	4	31	7	29
			8	7
6	4	29	7	31
			8	48
7	4	27	7	33
			9	29
B	4	26	7	34
			10	13
9	4	24	7	36
			11	0
10	4	22	7	38
			11	51
11	4	21	7	39
			0 a	46
12	4	19	7	41
			1	44
13	4	18	7	42
			2	44
14	4	16	7	44
			3	42
B	4	14	7	46
			4	39
16	4	13	7	47
			5	32
17	4	11	7	49
			6	23
18	4	10	7	50
			7	12
19	4	8	7	52
			8	1
20	4	7	7	53
			8	51
21	4	6	7	54
			9	42
B	4	5	7	55
			10	35
23	4	3	7	57
			11	30
24	4	1	7	59
			morn.	
25	4	0	8	0
			0	27
26	3	59	8	1
			1	23
27	3	58	8	2
			2	17
28	3	57	8	3
			3	8
B	3	56	8	4
			3	56
30	3	55	8	5
			4	40
31	3	55	8	5
			5	22

The depth of Rain in May 1840, at

Aberdeen, was 2.631 inches; Empingham, 2.95; Epping, 3.190; Falmouth, 1.975; Gosport, 1.665; Greenwich, 2.10; and York, 2.360.

Rain, and in some places hail, attended with thunder, on the 2d, 7th,

14th, 20th, and 26th.

considered by the most eminent astrologers as conducive to a multiplicity

of evils, originating from the tyranny of princes, religious disputations, and other concomitant circumstances arising therefrom, such as civil and religious wars, revolutions, oppressions, murders, &c. The present δ chiefly

refers to those regions over which $\nu\beta$ bears sway, viz., *India, Mexico, Greece, Russia, Saxony, &c.* These, with some

other contiguous countries, will, during a great portion of this year, be in continual ferment and agitation.

We

\oplus in apogee, 3d day; perigee, 18th; apogee, 31st day.

\odot 's semidiam. 1st day, 15' 53"; 11th, 15' 51"; 21st, 15' 49".

SOL hath not yet attain'd his greatest strength,
 Although the days have reached their utmost length :
 Insects, and birds, and reptiles now abound,
 And plants of various dyes enrich the ground :
 On *Cancer's* mount bright *Phœbus* meets with *Mars* ;
 Some great debates are held on peace and wars.

M D	W D		○ II	D's A	D rises & sets.	
			o		h. m.	
1 W	<i>Nicomede</i>	11	and	22	0 m 24	Wind and
2 Th	h rises 10 12 aft.	11	toes	23	0 37	rain ; good
3 F	♀ rises 10 42 aft.	12	head	24	0 51	♀ in perihel.
4 S	Day 16 18 long	13	face	25	1 4	for vege-
5				<i>Bonif.</i>	1 21	tation.
6 M	Day incr. 8 38	15	and	27	1 44	
7 Tu		16	throat	28	2 13	♂ ♀ ♀
8 W	♂ sets 8 40 aft.	17	arms	N	sets	Some thun-
9 Th	♀ sets 10 9 aft.	18	should.	1	9 a 15	♂ ♀ h
10 F	♀ sets 10 7 aft.	19	breast	2	9 59	♂ ♀ h
11 S		20	stom.	3	10 31	♀ elong. max.
12		21	heart	4	10 55	der showers.
13 M	<i>Trin. Term ends</i>	22	back	5	11 15	
14 Tu	h rises 9 22 aft.	23	bowels	6	11 32	Generally
15 W	♀ rises 9 52 aft.	24	belly	7	11 49	fair, and
16 Th	Day 16 32 long	25	reins	8	morn.	♂ ♀ ♀
17 F	<i>St. Alban</i>	26	loins	9	0 7	♀ in ♀; □ ♂ H
18 S	♂ sets 8 32 aft.	27	Scor-	10	0 25	often warm.
19		28	pio	11	0 49	♂ ♀ ♀
20 M		29	domin.	12	1 18	□ ⊖ H
21 Tu	Long. Day	13	1	57		Passing
22 W	Day 16 34 long	25	thighs	F	rises	△ ♀ H
23 Th	♀ sets 10 9 aft.	2	knees	15	9 a 7	showers, with
24 F		16	<i>Mids. Day</i>	16	9 36	thunder.
25 S	♀ sets 9 12 aft.	3	legs	17	9 58	♂ ⊖ ♂; ♀ stat.
26		4	and	18	10 15	
27 M		5	ancles	19	10 30	♀ in aphelion.
28 Tu		6	feet	20	10 44	Fair, and
29 W		7	toes	21	10 56	very hot at
30 Th		8	head	22	11 10	intervals.

June 9th, 1st of Tainuz ; June 26th, Fast—Taking of Jerusalem.

The 9 day, at 6^h 52^m morn. Mars
 The 10 day, at 6 37 aftern. Mercury
 The 10 day, at 7 48 aftern. Venus }
 The 23 day, at 6 9 aftern. Saturn }
 The 24 day, at 9 32 morn. Jupiter } is in
 ecliptic
 conjunction
 with the
 Moon.

M			Moon	
D			South.	
	h.	m.	h.	m.
1	3	54	8	6
2	3	53	8	7
3	3	52	8	8
4	3	51	8	9
B	3	50	8	10
6	3	49	8	11
7	3	48	8	12
8	3	48	8	12
9	3	47	8	13
10	3	47	8	13
11	3	46	8	14
B	3	46	8	14
13	3	45	8	15
14	3	44	8	16
15	3	44	8	16
16	3	44	8	16
17	3	44	8	16
18	3	43	8	17
B	3	43	8	17
20	3	43	8	17
21	3	43	8	17
22	3	43	8	17
23	3	43	8	17
24	3	43	8	17
25	3	43	8	17
B	3	44	8	16
27	3	44	8	16
28	3	44	8	16
29	3	45	8	15
30	3	45	8	15

Moon South.

is in
 ecliptic
 conjunction
 with the
 Moon.

The depth of Rain in June 1840, at Aberdeen, was 2.073 inches; Empingham, 1.90; Epping, 1.346; Falmouth, 1.229; Gosport, 1.370; Greenwich, 1.50; and York, 1.730.

Rain on the 1st, 8th, 12th, and 22d.

We shall hear of insurrections, popular murmurings, of tumults and wars; of dearth of corn, and destruction of cattle; piracies by sea, and shipwrecks; inundations, and robberies by land,

and various diseases experienced by mankind.

Mars, traversing over the ascendant of London, will most probably excite in the bosoms of some of our influential ones in state matters warlike sensations, which, I trust, will, like the meteoric lights on the nocturnal sky, no sooner appear than vanish from our view. Are we prepared to enter into war?—have we any money to spare for that purpose? The answer is plain, No! The interest of our public debt

☽ in perigee, 12th day; apogee, 28th day.

⊕'s semidiam. 1st day, 15° 47"; 11th, 15° 46"; 21st, 15° 45".

THE weather now is much inclined to change,
And thunder clouds o'er various districts range :
The careful farmer strict attention lends,
Secures his hay with speed, while *Sol* befriends :
Jove and old *Chronus* both oppose the Sun,
And discords will through various nations run.

M D	W D		⊕ so	D's o	☽ rises A & sets.	
1 F	Day 16	28 long	9 and	23 11 a 26	Electrical	
2 S	<i>Visita. B. V. M.</i>	10 face		24 11 45	cumuli.	
3 -		<i>Dog days begin</i>		25 morn.	$\oplus \text{h}$; \odot in	
4 M	<i>Transl. St. Mart.</i>	12 throat		26 0 11	Δ stat. [apog.	
5 Tu	<i>Oxf. Act: Cam. co.</i>	13 arms		27 0 45	$\oplus \text{♀} \text{ } \text{4}$	
6 W	<i>Old Mids. Day</i>	14 should.		28 1 30	$\oplus \text{♂} \text{ } \text{h}$	
7 Th	<i>Tho. à Becket</i>	15 breast		29 2 33	Fair and hot.	
8 F	<i>Camb. T. ends.</i>	16 stom.	N	sets	\odot eclips. vis.	
9 S	<i>Oxf. Term ends</i>	17 heart		1 8 a 57	[δ inf. ♀ \odot]	
10 -		18 back		2 9 20	$\oplus \text{ } \text{4}$	
11 M	Day decr. 0	20	19 bowels	3 9 39	$\delta \text{ } \text{♀} \text{ } \text{♂}$	
12 Tu	h sets	3 27 mo.	20 belly	4 9 56	showery,	
13 W	H sets	3 52 mo.	21 reins	5 10 13	though fine	
14 Th	♂ rises	3 27 mo.	22 and	6 10 31	at intervals.	
15 F	<i>St. Swithin</i>		23 loins	7 10 53		
16 S	Day 16	5 long	23 Scorpio	8 11 20	$\oplus \text{♂} \text{ } \text{4}$	
17 -			24 domin.	9 11 55	Make hay	
18 M	♀ sets	9 37 aft.	25 hips	10 morn.	while the	
19 Tu	♀ rises	3 18 mo.	26 thighs	11 0 42	♀ stationary.	
20 W	<i>Margaret</i>		27 knees	12 1 39	sun shines,	
21 Th	Day dec. 0	40	28 and	13 2 46	$\Delta \odot \text{H}$	
22 F	<i>Magdalene</i>		29 hams	F	rises for rain is	
23 S	h sets	2 40 mo.	30 legs	15 8 a 22	near.	
24 -			1 ankles	16 8 37		
25 M			2 feet	17 8 50	Showery.	
26 Tu	<i>St. Anne</i>	3 and	18 9 3	$\Delta \text{♀} \text{ } \text{h}$		
27 W	H sets	2 48 mo.	4 toes	19 9 17		
28 Th	♂ rises	3 20 mo.	5 head	20 9 31	Somewhat	
29 F	♀ sets	9 14 aft.	6 face	21 9 49	♀ elong. max.	
30 S			7 neck	22 10 10	changeable.	
31 -			8 throat	23 10 40	$\Delta \text{♀} \text{ } \text{4}$	

July 8th, 1st of Ab; July 17th, Fast—Destruction of the Temple.

The 8 day, at 0^h 42^m morn. Mars
 The 8 day, at 8 40 morn. Mercury } is in
 The 10 day, at 3 30 aftern. Venus } ecliptic
 The 20 day, at 9 9 aftern. Saturn } conjunction
 The 21 day, at 9 50 morn. Jupiter } with the
 Moon.

M				Moon	
D				South.	
	h.	m.	h.	m.	h.
1	3	46	8	14	6m 0
2	3	46	8	14	6 43
B	3	47	8	13	7 30
4	3	47	8	13	8 21
5	3	48	8	12	9 16
6	3	49	8	11	10 15
7	3	49	8	11	11 17
8	3	50	8	10	0 a 18
9	3	51	8	9	1 16
B	3	52	8	8	2 12
11	3	53	8	7	3 5
12	3	54	8	6	3 55
13	3	55	8	5	4 45
14	3	56	8	4	5 35
15	3	56	8	4	6 25
16	3	57	8	3	7 18
B	3	58	8	2	8 12
18	3	59	8	1	9 7
19	4	1	7	59	10 1
20	4	2	7	58	10 54
21	4	3	7	57	11 44
22	4	5	7	55	morn.
23	4	6	7	54	0 31
B	4	7	7	53	1 15
25	4	9	7	51	1 56
26	4	10	7	50	2 36
27	4	11	7	49	3 16
28	4	13	7	47	3 56
29	4	14	7	46	4 38
30	4	16	7	44	5 23
B	4	18	7	42	6 10

proceedings in the *East*—the war with *China*—and the destruction of human life at *St. Jean D'Acre*? Can we defend all our negotiations with *Mehemet Ali*?—Shall we appear in his eyes to “Do unto others as we would they should do unto us”? I say, are all our

transactions

☽ in perigee, 10th day; apogee, 25th day.

⊕'s semidiam. 1st day, 15° 45"; 11th, 15° 45"; 21st, 15° 46".

THE heat is oft intense—the cloudless sky
 Ripens the grain, and brings the harvest nigh:
 The feather'd tribes are mute, though insects hum,
 And Flora's choicest treasures are in bloom:
 From *Eastern States* we shall of tumults hear,
 And *Western* too,—and yet *we* need not fear!

M	W		⊖	D's	♂ rises	
D	D		⊖	A	& sets.	
1	M	<i>Lammas Day</i>	9 arms	24	11 a 18	△ ♂ ☰
2	Tu	½ sets 1 57 mo.	10 and	25	morn.	Alternately
3	W	¼ sets 2 17 mo.	11 should.	26	0 11	showery
4	Tu	♂ rises 3 18 mo.	12 breast	27	1 20	and fair.
5	F	Day 15 9 long.	13 stom.	28	2 41	
6	S	<i>Transfiguration</i>	14 heart	N	sets	♀ in ☷
7			15 back	1	7 a 43	△ ♀ ☱
8	M		15 bowels	2	8 1	Now more
9	Tu	♀ sets 8 51 aft.	16 belly	3	8 19	pleasant.
10	W	<i>St. Lawrence</i>	17 reins	4	8 37	♂ ♀ ♂ ; ♀ in
11	Tu	<i>Dog days end</i>	18 loins	5	8 58	♂ ♀ ☰ [per.
12	F	Day decr. 1 48	19 Scorpio	6	9 25	
13	S		<i>Old Lam. D.</i>		7 9 57	Passing
14			21 hips	8	10 40	showers,
15	M	<i>Assumption</i>	22 thighs	9	11 34	with long
16	Tu		23 knees	10	morn.	intervals of
17	W		24 and	11	0 37	fine weather,
18	Tu		25 hams	12	1 46	suitable for
19	F	♀ rises 4 20 mo.	26 legs	13	2 57	the har-
20	S		27 ankles	14	4 8	♀ in ☷; □ ♀ ½
21			28 feet	F	rises	vest.
22	M		29 and	16	7 a 12	
23	Tu	Day br. 2 44	30 toes	17	7 25	♂ sup. ♀ ⊖
24	W		1 head	18	7 40	□ ♀ ¼, * ♀ ♂
25	Tu		2 face	19	7 55	Warm and
26	F		3 neck	20	8 15	pleasant.
27	S		4 and	21	8 42	△ ♀ ½
28			<i>St. August.</i>		22 9 15	Expect rain
29	M	<i>St. Jno. Bapt. beh.</i>	6 arms	23	10 0	at the end.
30	Tu		7 should.	24	11 0	△ ♀ ¼
31	W		8 breast	25	morn.	△ ⊖ ½

August 7th, 1st of Elul.

The 5 day, at 8^h 50^m morn. Mercury } is in
 The 5 day, at 5 44 aftern. Mars } ecliptic
 The 9 day, at 9 8 morn. Venus } conjunction
 The 16 day, at 12 0 aftern. Saturn } with the
 The 17 day, at 10 24 morn. Jupiter } Moon.

M			Moon		
D			South.		
	h.	m.	h.	m.	h.
1	4	19	7	41	7 m 3
2	4	21	7	39	7 59
3	4	22	7	38	8 58
4	4	24	7	36	9 59
5	4	26	7	34	10 59
6	4	27	7	33	11 57
B	4	29	7	31	0 a 52
8	4	31	7	29	1 45
9	4	32	7	28	2 37
10	4	34	7	26	3 28
11	4	35	7	25	4 20
12	4	37	7	23	5 14
13	4	38	7	22	6 8
B	4	40	7	20	7 3
15	4	42	7	18	7 58
16	4	44	7	16	8 50
17	4	46	7	14	9 41
18	4	48	7	12	10 28
19	4	50	7	10	11 13
20	4	51	7	9	11 55
B	4	53	7	7	morn.
22	4	55	7	5	0 36
23	4	57	7	3	1 15
24	4	59	7	1	1 55
25	5	1	6	59	2 36
26	5	2	6	58	3 19
27	5	4	6	56	4 5
B	5	6	6	54	4 55
29	5	7	6	53	5 47
30	5	9	6	51	6 44
31	5	12	6	48	7 42

¶ in perigee, 7th day; apogee, 22d day.

\odot 's semidiam. 1st day, 15' 47"; 11th, 15' 48"; 21st, 15' 50".

THIS month comes in with weather bright and fair,
And lovely flowers perfume the gentle air:
From rolling wains the sounds of "*Harvest-home*"
Arrest our ears, if in the fields we roam:
Some favourable news now reach our land;
E'en foes become our friends at Heaven's command.

M D	W D		○ ℞	D's A	D rises & sets.	
			o		h. m.	
1 Tu	Giles	[O. S.	9	stom.	26	0 m 13 Clear, with
2 F	London bt.	1666,	10	heart	27	1 37 pleasant
3 S			11	back	28	3 6 breezes:
4			12	bowels	N	sets good wea-
5 M	Old Bartholomew		12	belly	1	6 a 22 ther for the
6 Tu	Day 13 14 long		13	reins	2	6 40 $\Delta \odot \mathbf{4}$
7 W	Enurchus		14	loins	3	7 1 $\wp \mathbb{H}$
8 Tu	Nativ. B. V. M.		15	Scorpio	4	7 27 harvest.
9 F	\mathfrak{h} sets 11 17 aft.		16	domin.	5	7 57 $\mathfrak{h} 4$ stationary.
10 S			17	hips	6	8 38 Some rain,
11			18	and	7	9 29 though in
12 M			19	thighs	8	10 30 \mathfrak{h} stationary.
13 Tu	\mathfrak{u} sets 11 22 aft.		20	knees	9	11 36 \wp in \wp
14 W	Holy Cross		21	hams	10	morn. $\square \wp \mathfrak{h}$
15 Tu	Day deer. 3 55		22	legs	11	0 47 general fair.
16 F	\wp rises 3 6 mo.		23	and	12	1 57 * $\wp \mathfrak{h}$
17 S	Lambert		24	ancles	13	3 7 $\square \wp \mathfrak{u}$
18			25	feet	14	4 14 Windy and
19 M			26	toes	F	rises $\wp \odot \mathbb{H}$
20 Tu	\wp sets 7 11 aft.		27	head	16	5 a 48 * $\wp \mathfrak{u}$
21 W			28	and	17	6 3 showery.
22 Tu			29	face	18	6 22
23 F	\wp sets 6 25 aft.		30	neck	19	6 46 \wp in aphelion.
24 S			1	throat	20	7 16 \wp in aphelion.
25			2	arms	21	7 56 September
26 M	St. Cyprian		3	should.	22	8 50 ends with
27 Tu	Day br. 4 0		4	breast	23	9 57 cheerful and
28 W			5	and	24	11 13 pleasant
29 Tu			6	stom.	25	morn. weather.
30 F	St. Jerome		7	heart	26	0 37

Sept. 5th, 1st of Tisri (Jewish year 5603 begins); Sept. 7th, Fast of Guedaliah; Sept. 14th, Fast of Expiation; Sept. 19th, Feast of Tabernacles; Sept. 25th, Last day of the Festival; Sept. 26th, 27th, Feast of the 8th day.

The 3 day, at 9^h 56^m morn. Mars } is in
 The 5 day, at 5 13 aftern. Mercury } ecliptic
 The 8 day, at 1 41 morn. Venus } conjunction
 The 13 day, at 4 52 morn. Saturn } with the
 The 13 day, at 2 40 aftern. Jupiter } Moon.

○ in perigee, 4th day; apogee, 18th day.

\odot 's semidiam. 1st day, $15' 53''$; 11th, $15' 55''$; 21st, $15' 58''$.

THE seasons change:—Time, on his rapid wings,
 The pleasant days of early Autumn brings:
 The summer birds to southern regions fly,
 The fruitful bough attracts the grateful eye:
Saturn and *Jove* square *Sol!*—on these I muse;—
 Oh say, *Urania*, what will these produce?

M	W		○		D's	D rises	
D	D		△		A	& sets.	
1	S	<i>Remigius</i>	o		27	2 m 3	□ ○ h
2	.		9	bowels	28	3 32	Expect
3	M	<i>Old St. Matthew</i>	10	belly	29	4 59	△ ♀ H
4	Tu	h sets 9 41 aft.	11	reins	N	sets	△ ♂ h
5	W	Day 11 20 long	12	loins	1	5 a 27	wind and
6	Th	<i>Faith</i>	13	Scorpio	2	5 56	* ♀ h
7	F	4 sets 9 53 aft.	14	domin.	3	6 33	□ ○ 4
8	S	[Denys	15	hips	4	7 21	♀ elong. max.
9		St.	16	thighs	5	8 20	[♀ elong. max.
10	M	<i>Oxf. & Cam. T. b.</i>	17	knees	6	9 26	rain for
11	Tu	<i>Old Mich. Day</i>	18	hams	7	10 36	some time.
12	W	♂ rises 2 57 mo.	19	legs	8	11 47	* ♀ ♂
13	Th	<i>Trs. K. Edw. Conf.</i>	20	and	9	morn.	A moist
14	F	♀ sets 6 27 aft.	21	ancles	10	0 56	△ ♂ 4, * ♀ 4
15	S	Day decr. 5 53	22	feet	11	2 4	air bringing
16			23	toes	12	3 13	sickness.
17	M	<i>Etheldreda</i>	24	head	13	4 20	
18	Tu		25	and	14	5 28	
19	W	♀ sets 5 19 aft.	26	face	F	rises	
20	Th		27	neck	16	4 a 52	♀ stationary.
21	F	h sets 8 38 aft.	28	throat	17	5 21	Still gloomy
22	S	4 sets 9 2 aft.	29	arms	18	5 59	and wet.
23			m	and	19	6 48	
24	M	Day br. 4 49	1	should.	20	7 50	
25	Tu	<i>Crispin</i>	2	breast	21	9 2	Now fair,
26	W	♂ rises 2 51 mo.	3	stom.	22	10 20	with a few
27	Th	♀ sets 6 11 aft.	4	heart	23	11 43	days of
28	F		5	back	24	morn.	bright wea-
29	S		6	bowels	25	1 7	ther.
30			7	belly	26	2 30	* ♀ h [♀ ○
31	M		8	reins	27	3 57	△ ♂ H; ♂ inf.

Oct. 5th, 1st of Hesvan.

The 2 day, at 1 ^h 6 ^m morn. Mars	}	is in ecliptic conjunction with the Moon.
The 6 day, at 1 22 morn. Mercury		
The 7 day, at 4 35 aftern. Venus		
The 10 day, at 1 14 aftern. Saturn		
The 11 day, at 0 39 morn. Jupiter		
The 30 day, at 2 54 aftern. Mars		

M	D	Moon	South.				
		h.	m.	h.	m.		
1	6	12	5	48	9	14	<i>The depth of Rain in October 1840, at Aberdeen, was 2.672 inches; Em-</i>
B	6	14	5	46	10	7	<i>pingham, 1.27; Epping, 2.014; Fal-</i>
3	6	16	5	44	10	59	
4	6	19	5	41	11	53	
5	6	20	5	40	0	a 48	<i>mouth, 1.612; Gosport, 1.085; Green-</i>
6	6	22	5	38	1	45	<i>wich, 1.50; and York, 1.460.</i>
7	6	24	5	36	2	43	Rain on or near the 2d, 6th, 11th,
8	6	26	5	34	3	41	18th, 22d, and 26th days of this
B	6	28	5	32	4	38	month.
10	6	30	5	30	5	31	
11	6	32	5	28	6	21	
12	6	34	5	26	7	8	
13	6	36	5	24	7	52	
14	6	38	5	22	8	33	that promise considerable good to our
15	6	40	5	20	9	14	merchants and manufacturers, &c. The
B	6	41	5	19	9	54	□ of ☽ and 24 indicates disputes and
17	6	43	5	17	10	34	dissensions on religious subjects. Some
18	6	45	5	15	11	17	sticklers for Puseyism are busy: they
19	6	47	5	13	morn.		
20	6	49	5	11	0	1	seem as though they would kiss the
21	6	51	5	9	0	49	Pope's toe! But Popery, as well as
22	6	53	5	7	1	39	Mahometanism, must ultimately wither
B	6	55	5	5	2	32	and die beneath the powerful rays of
24	6	56	5	4	3	28	truth. The Mormonites, with their
25	6	58	5	2	4	24	pretended new inspirations, are making
26	7	1	4	59	5	19	a stir. Father Mathew is now active
27	7	3	4	57	6	12	
28	7	5	4	55	7	5	in Ireland: I wish him success, for he
29	7	7	4	53	7	56	has done much good in the way of
B	7	8	4	52	8	46	improving the moral condition of that
31	7	10	4	50	9	33	country.

D in perigee, 3d day; apogee, 15th; perigee, 31st day.

• S semidiam. 1st day, $16^{\circ} 1'$; 11th, $16^{\circ} 3'$; 21st, $16^{\circ} 6'$.

THE blustering winds majestic Ocean vex,
 Whose fierceness doth the mariner perplex:
 Reptiles and insects hide themselves from cold;
 A few late straggling flowers we yet behold:
 Sad news of earthquakes, storms, our Isle doth reach,
 And will to thoughtful minds a lesson teach.

M D	W D		\odot m		D's A	D rises & sets.	
1	Tu		9	loins	28	5 m 24	Fair for
2	W	All Souls: Mich. T.b.	Scorpio	N	sets	\wp in \wp	
3	Tu		11	domin.	1	4 a 25	* \odot h [aph.
4	F		12	hips	2	5 9	$\square \wp \text{H}$; δ in
5	S		13	thighs	3	6 4	the most
6		Leon.	14	knees	4	7 10	\wp in perihelion.
7	M	Day 9 17 long	15	and	5	8 21	part, and
8	Tu	h sets 7 33 aft.	16	hams	6	9 33	mild.
9	W	Lord Mayor's day	17	legs	7	10 43	\wp stationary.
10	Th	24 sets 8 2 aft.	18	ankles	8	11 52	Generally
11	F	Trans. St. Mart.	19	feet	9	morn.	* \odot 24
12	S		20	and	10	1 1	fair, with
13		Britius	toes	11	2	8	\wp greatest brilliancy.
14	M		22	head	12	3 15	
15	Tu	Machutus	23	face	13	4 24	slight frosts.
16	W	\wp rises 2 40 mo.	24	neck	14	5 34	
17	Th	Hugh Bp. Linc.	25	and	15	6 46	$\Delta \odot \text{H}$; \wp elong.
18	F	\wp sets 5 46 aft.	26	throat	F	rises	[max.]
19	S	Day deer. 7 57	27	arms	17	4 a 44	Stormy, with
20			28	should.	18	5 42	rain or snow
21	M		29	breast	19	6 52	about the
22	Tu	Cecilia	30	stom.	20	8 10	full moon.
23	W	St. Clement	1	heart	21	9 31	* \wp h
24	Th	\wp rises 5 48 mo.	2	back	22	10 53	
25	F	Cath.: Mich. T.e.	3	bowels	23	morn.	Gloomy, foggy,
26	S	Day br. 5 36	4	belly	24	0 15	and often
27			5	reins	25	1 38	$\square \delta \text{h}$
28	M		6	loins	26	3 1	\wp stationary.
29	Tu		7	Scorpio	27	4 26	* \wp 24
30	W		8	domin.	28	5 50	drizzly.

Nov. 4th, 1st of Kislev; Nov. 28th, Feast of Dedication.

The 2 day, at 9^b 39^m morn. Mercury } is in
 The 5 day, at 11 2 aftern. Venus } ecliptic
 The 7 day, at 1 21 morn. Saturn } conjunction
 The 7 day, at 4 3 aftern. Jupiter } with the
 The 28 day, at 3 4 morn. Mars } Moon.

M			Moon	
D			South.	
	h.	m.	h.	m.
1	7	11	4	49
	10	m	31	
2	7	13	4	47
	11		27	
3	7	15	4	45
	0	a	25	
4	7	17	4	43
	1		24	
5	7	18	4	42
	2		23	
B	7	20	4	40
	3		20	
7	7	22	4	38
	4		13	
8	7	23	4	37
	5		2	
9	7	25	4	35
	5		47	
10	7	27	4	33
	6		30	
11	7	29	4	31
	7		11	
12	7	30	4	30
	7		51	
B	7	32	4	28
	8		31	
14	7	33	4	27
	9		13	
15	7	35	4	25
	9		56	
16	7	36	4	24
	10		43	
17	7	37	4	23
	11		33	
18	7	39	4	21
	morn.			
19	7	41	4	19
	0		27	
B	7	43	4	17
	1		22	
21	7	45	4	15
	2		19	
22	7	46	4	14
	3		15	
23	7	47	4	13
	4		9	
24	7	48	4	12
	5		1	
25	7	50	4	10
	5		51	
26	7	51	4	9
	6		40	
B	7	52	4	8
	7		30	
28	7	53	4	7
	8		21	
29	7	55	4	5
	9		14	
30	7	56	4	10
			9	

country. When a drunkard is induced to become sober, an essential benefit is done to society. The ☐ of ♂ and ♀ is likely to stir up some mischief, but I hope the friendly * of ♁ and ♃

will, in a great measure, counteract the evil. Some illustrious character now bids the world adieu, teaching us that riches and greatness cannot repel man's last enemy. Some individual

about this time is likely to meet with great encouragement, which will create a little notice. In fact, this will prove a season of much change, and I hope in many things for the better. May the good hand

☽ in apogee, 12th day; perigee, 28th day.

⊕'s semidiam. 1st day, 16° 9'; 11th, 16° 11'; 21st, 16° 13".

Now, mounted in his car, the hoary Sire
 Arrives in storms, and dims the solar fire ;
 Decks in bright crystal robes the naked boughs,
 And rolls along the plains his drifting snows.
 'Tis *Christmas* now,—and Heaven's Redemption-plan
 Should teach us kindness to our fellow man !

M	W		\odot		D's	D rises	
D	D		↑		A	& sets.	
1	Th	h sets 6 12 aft.	9	hips	29	7m 11	$\triangle \textcircled{S} H$
2	F	4 sets 6 56 aft.	10	and	N	sets	Cold, with
3	S	Day 8 3 long	11	thighs	1	4 a 49	rain, or per-
4			12	knees	2	6 0	H stationary.
5	M		13	hams	3	7 13	haps snow.
6	Tu	<i>Nicholas</i>	14	legs	4	8 25	
7	W	♂ rises 2 30 mo.	15	ancles	5	9 37	Air inclined
8	Th	<i>Concept. B.V.M.</i>	16	feet	6	10 44	to be dry
9	F	♀ sets 4 47 aft.	17	and	7	11 52	and frosty
10	S	Day decr. 8 41	18	toes	8	morn. ♀ in ♀	
11			19	head	9	0 59	♀ in ♀; *24H
12	M		20	face	10	2 8	
13	Tu	<i>Lucy</i>	21	neck	11	3 17	* ⊖ ♂
14	W		22	and	12	4 29	for some
15	Th		23	throat	13	5 40	days.
16	F	<i>Cam. T.e. O Sap.!</i>	24	arms	14	6 49	$\square \odot H$
17	S	<i>Oxf. Term ends</i>	25	should.	F	rises	Expect
18			26	breast	16	4 a 39	some snow.
19	M	♀ rises 7 48 mo.	27	stom.	17	5 55	♂ inf. ♀ ⊖
20	Tu	Day 7 45 long	28	heart	18	7 17	*♂ ♀; ♀ inaph.
21	W		<i>Shortest Day.</i>		19	8 41	♂ ♀, $\square \odot$
22	Th	h sets 5 2 aft.	19	bowels	20	10 4	* ♂ ♀
23	F	4 sets 5 57 aft.	1	and	21	11 25	$\square \odot H, \square \odot 4$
24	S		2	belly	22	morn.	Atmosphere
25			3	reins	23	0 47	frosty, with
26	M		4	loins	24	2 10	clouds bringing
27	Tu		5	Scorpio	25	3 33	snow, in cha-
28	W		6	domin.	26	4 54	♂ sup. ♀ ⊖
29	Th		7	hips	27	6 6	racter with the
30	F		8	thighs	28	7 10	season.
31	S	<i>Silvester</i>	9	knees	N	8 0	\odot eclips. invis.

Dec. 4th, 1st of Tebet; Dec. 13th, Fast—Siege of Jerusalem.

The 1 day, at 0h. 54m. morn. Mercury
 The 3 day, at 11h. 18m. aftern. Venus
 The 4 day, at 9h. 52m. aftern. Saturn
 The 5 day, at 11h. 11m. morn. Jupiter
 The 26 day, at 1h. 37m. aftern. Mars
 The 30 day, at 9h. 6m. morn. Venus
 The 31 day, at 11h. 13m. aftern. Mercury

is in
ecliptic
conjunction
with the
Moon.

M Sun Sun Moon
Rises. sets. South.

MONTHLY OBSERVATIONS.

	h.	m.	h.	m.	
17	57	4	3	11	m 7
27	58	4	2	0	a 6
37	59	4	1	1	4
B 8	04	0	2	0	
58	04	0	2	52	
68	13	59	3	39	
78	23	58	4	24	
88	23	58	5	6	
98	33	57	5	46	
108	43	56	6	26	
B 8	43	56	7	7	
128	53	55	7	49	
138	53	55	8	35	
148	53	55	9	23	
158	63	54	10	16	
168	63	54	11	11	
178	73	53			morn.
B 8	73	53	0	9	
198	73	53	1	7	
208	73	53	2	3	
218	73	53	2	57	
228	73	53	3	48	
238	73	53	4	38	
248	73	53	5	27	
B 8	73	53	6	17	
268	63	54	7	8	
278	63	54	8	1	
288	63	54	8	57	
298	63	54	9	54	
308	53	55	10	51	
318	53	55	11	48	

The depth of Rain in Dec. 1840, at

NEW MOON, 2d. 4h. 15m. morn.

Aberdeen, was 1·629 inch; Empingham, 0·43; Epping, 0·504; Falmouth, 1·425; Gosport, 0·585; Greenwich, 0·45; and York, 0·740.

Rain or snow more or less on the 2d, 15th, 20th, 26th, and 30th.

FIRST QUAR. 9d. 10h. 24m. aftern.

hand of Providence ever direct the affairs of our Nation : scatter blessings on the head of our young Queen, and her Royal Consort, with the Princess Royal : and may peace and happiness be our portion now and for ever, AMEN.,

FULL MOON, 17d. 6h. 46m. aftern.

Upon taking the amount of the twelve months, it appears that the depth of rain for the whole year 1840, at Aberdeen, was 24·627 inches ; Empingham, 18·58; Epping, 20·767; Falmouth 31·511; Gosport, 25·525; Greenwich, LAST QUAR. 24d. 4h. 45m. aftern.

18·24; and at the City of York, 24·72 inches ; making the mean annual fall 23·424 inches, or 9,813 hogsheads per acre, which in weight is nearly two thousand three hundred and sixty-six tons.

NEW MOON, 31d. 7h. 2m. aftern.

☽ in apogee 10th day ; perigee 22d day.
 ☽'s semidiam. 1st day, 16' 15'' ; 11th, 16' 16'' ; 21st, 16' 17''.

The Dominion of the Moon
in Man's Body, *passing*
under the Twelve Zodiacal
Constellations.

- ♈ Aries, Head and Face.
- ♉ Taurus, Neck and Throat.
- ♊ Gemini, Arms and Shoulders.
- ♋ Cancer, Breast and Stomach.
- ♌ Leo, Heart and Back.
- ♍ Virgo, Bowels and Belly.
- ♎ Libra, Reins and Loins.
- ♏ Scorpio, Secret Members.
- ♐ Sagittarius, Hips and Thighs.
- ♑ Capricorn, Knees and Hams.
- ♒ Aquarius, Legs and Ankles.
- ♓ Pisces, Feet and Toes.

Names and Characters of the PLANETS,
with *Dragon's Head* & *Dragon's Tail*.

⊕, or, the SUN.

♃ Saturn. ♪ Jupiter. ♀ Mars.
♀ Venus. ♀ Mercury. ♪ the Moon.
♂ Dragon's Head. ♪ Dragon's Tail.

PLANETS discovered since 1780.

♃ Uranus. ♀ Ceres.
♀ Pallas. ♫ Juno. ♪ Vesta.

The Characters of the ASPECTS.

⊕ Conjunction. * Sextile.
⊗ Opposition.
△ Trine. □ Quartile.

LAW TERMS AND RETURNS.

- | | |
|--|------------------------------------|
| 1. HILARY TERM—begins Jan. | 11—ends Jan. 31—comprises 21 days. |
| 2. EASTER TERM—begins April | 15—ends May 9—_____ 25 days. |
| 3. TRINITY TERM—begins May | 23—ends June 13—_____ 22 days. |
| 4. MICHAELMAS TERM—beg. Nov. 2—ends Nov. 25—_____ 24 days. | |

It is enacted, That all Writs now usually returnable before the Courts of King's Bench, Common Pleas, or Exchequer respectively, on general Return Days, that shall be made returnable after the first day of January in 1831, may be made returnable on the third day exclusive before the commencement of each Term, or on any day, not being *Sunday*, between that day and the 3d day exclusive before the last day of the Term, and the day for Appearance shall, as heretofore, be the 3d day after such Return, exclusive of the day of the Retrn; or in ease such 3d day shall fall on a *Sunday*, then on the 4th day after such Return, exclusive of such day of Return. All other Writs must be made returnable on a day in full Term.

NAMES OF THE LEARNED JUDGES OF THE LAW.

I. CHANCERY.

- | | | |
|----------------------------------|-------|-------------------------|
| Right hon. Lord Lyndhurst | - - - | - Lord High Chancellor. |
| Right hon. Lord Langdale | - - - | - Master of the Rolls. |
| Right hon. Sir Lancelot Shadwell | - - - | - Vice-Chancellor. |

II. QUEEN'S BENCH: Right hon. Lord Denman, L.C.J.

Sir J. Williams: Sir J. Patteson: Sir J. T. Coleridge: Sir W. Wightman.

III. COMMON PLEAS: Right hon. Sir Nicholas C. Tindal, L.C.J.

Rt. hon. Sir J. B. Bosanquet: Sir T. Colman: Rt. hon. T. Erskine: Sir W. H. Maule.

IV. EXCHEQUER: Right hon. Lord Abinger, L.C.B.

Rt. hon. Sir J. Parke: Sir E. H. Alderson: Sir J. Gurney: Sir R. M. Rolfe.

V. BANKRUPTCY COURT: Sir John Cross, Judge.

C. F. Williams, J. H. Merivale, J. Evans, J. S. M. Fonblanque, } Commissioners
R. G. C. Fane, and E. Holroyd, esqrs. - - -

Mr. Serjeant Lawes and William Barber, esq., Registrars.
Attorney Gen., Sir Fred. Pollock: Solicitor Gen., Sir Wm. Follett.

REGULATIONS RESPECTING ELECTIONS.

1841.—Notice to receive claims for Votes must be given by Overseers on June 20.—Lists of Electors must be made by July 31.—Persons objecting to claims for Votes must give notice by Aug. 25.—Barristers must hold their Revision Courts between Sept. 15 and Oct. 25.—Lists to be copied into books, and the books to be delivered by Oct. 31.; and such books to be considered the Register of the Electors.

COMMON NOTES for the Year 1842.

Lunar Cycle, or Golden Number	- 19	Lent begins	-	-	-	Feb. 9
Epact	- - - - 18	EASTER DAY	-	-	-	Mar. 27
Dominical Letter	- - - - B.	Rogation Sunday	-	-	-	May 1
Cycle of the Sun	- - - - 3	Ascension Day	-	-	-	May 5
EPIPHANY	- - - - Jan. 6	WHIT SUNDAY	-	-	-	May 15
Sundays after Epiphany	- - (two)	TRINITY SUNDAY	-	-	-	May 22
Number of Direction	- - 6	Sundays after Trinity	-	-	(twenty-six)	
SEPTUAGESIMA Sunday	- - Jan. 23	ADVENT SUNDAY	-	-	-	Nov. 27

THINGS TO BE BORNE IN MIND.

In JANUARY. That the 5th is a *Transfer day* at the Bank. That before the 8th, *Fire Insurance* policies, due at Christmas, must be paid. That *Hilary Term* begins on the 11th, ends on the 31st. That most of the *Quarter Sessions* are held in the first week of this month.

In FEBRUARY. That the 3d is Bishop Blaise's holiday, the 14th St. Valentine, and the 24th is *St. Matthias*, and is a Holiday at several of the Public Offices.

In MARCH. Remember *St. David's* and *St. Patrick's* days. Municipal assessors appointed on the 1st; also, that Overseers are to be appointed on the 25th, and the old Overseers verify their accounts within fourteen days.

In APRIL. Returns relative to the *Assessed Taxes* are delivered early in this month. Transfer day for several of the Public Funds, the 5th. Fire Insurance due at Lady-day, must be paid before the 8th. That *Easter Term* begins on the 15th. *Quarter Sessions*, 1st week in this month.

In MAY. That Easter Term ends on the 9th, that the hop-duty is collected on the 15th, that the 28th is the QUEEN's birth-day. And remember "round about the May-pole" from the 1st to the 13th, if the May-pole is falling, subscribe for another, or apply to the Lord of the Manor, and see what he will do.

In JUNE. Overseers, on the 20th, to fix on the church doors notices as to persons qualified to vote for counties; persons on the register need not make a new claim, unless the qualification has been changed. Drink the Queen's health again on the 20th. *Trinity Term*, which began May 23d, ends the 13th of this month. So farewell to the Lawyers until November. *Quarter Sessions*, the last week.

In JULY. *Transfer day* again on the 5th, and Fire Insurance premiums paid before the 8th. Appraisers' licences (who are not auctioneers) to be taken out on the 5th. The 20th is the last day for sending in claims as county voters. Before this day, also, parliamentary electors, in cities and boroughs, must have paid poor's rates and window tax, or lose their votes for the next year. Lists of Electors to be made out on the 31st. *St. Swithin* is an old deceiver; do not regard him.

In AUGUST. The 7th and 14th, being the 1st and 2d Sundays, Borough and County Lists to be affixed on church-doors. Hawkers' and Pedlars' licences taken out on the 1st. All taxes and rates due March 1, must be paid on or before the end of this month by persons claiming to be enrolled as *Burgesses*. — *Mun. Corp. Act.*

In SEPTEMBER. 4th and 11th. Lists of objections to the county electors to be affixed on church-doors. *Burgess Lists* to be made out by the 5th. On the 22d, lists for the selection, by the Justices, of *Highway Surveyors* to be prepared.

In OCTOBER. *Transfer day*, Oct. 10. *Burgess Lists* to be revised between the 1st and the 15th. *Michaelsmas Fire Insurances* must be paid before the 13th. Bankers' Licences taken out on the 10th. *Quarter Sessions* in the first week after the 11th.

In NOVEMBER. 1st. Borough Councillors to be elected. The 1st a Holiday at some of the Public Offices. 9th. *Mayors and Aldermen* to be elected. 15th. Hop-duty collected, and Attorneys' certificates to be taken out. Don't let Allhallows day be quite forgotten; but forget, if you safely can, that Michaelmas Term begins on the 2d and ends on the 25th.

In DECEMBER. Forget not the Christmas festivities; nor neglect to ascertain how affairs stand with regard to your accounts, your families, your bodies, your souls. *TIME is the most irresistible of all innovators*; but if you have built on a right foundation for eternity, you need not fear him.

*A TABLE OF THE
KINGS AND QUEENS OF ENGLAND,
SINCE THE CONQUEST.*

Kings and Queens.	Born A. D.	Reigns began.	Reigned Y. M. D.	Reigns ended.	Age.	Where buried.
Will. Conq.	1027	1066 Dec. 25	20 8 15	1087 Sept. 9	60	Caen, Norm.
Will. Rufus	1057	1087 Sept. 26	12 10 7	1200 Aug. 2	43	Winchester.
Henry I.	1068	1100 Aug. 5	35 3 27	1135 Dec. 1	67	Reading.
Stephen	1105	1135 Dec. 26	18 10 0	1154 Oct. 25	49	Faversham.

THE SAXON LINE RESTORED.

Henry II.	1133	1154 Dec. 19	34 6 18	1189 July 6	56	Fontevrault.
Richard I.	1156	1189 Sept. 3	9 7 3	1199 April 6	43	Fontevrault.
John	1165	1199 May 27	17 4 23	1216 Oct. 19	51	Worcester.
Henry III.	1207	1216 Oct. 28	56 0 19	1272 Nov. 16	65	Westminster.
Edward I.	1239	1272 Nov. 20	34 7 17	1307 July 7	67	Westminster.
Edward II.	1284	1307 July 8	19 6 12	1327 Jan. 20	43	Gloucester.
Edward III.	1312	1327 Jan. 25	50 4 27	1377 June 21	65	Westminster.
Richard II.	1366	1377 June 22	22 3 7	1399 Sept. 29	33	Westminster.

THE LINE OF LANCASTER.

Henry IV.	1367	1399 Sept. 30	13 5 20	1413 Mar. 20	46	Canterbury.
Henry V.	1389	1413 Mar. 21	9 5 10	1422 Aug. 31	33	Westminster.
Henry VI.	1421	1422 Sept. 1	38 6 3	1461 Mar. 4	49	Windsor.

THE LINE OF YORK.

Edward IV.	1442	1461 Mar. 4	22 1 5	1483 April 9	41	Windsor.
Edward V.	1471	1483 April 9	0 2 16	1483 June 25	12	Not known.
Richard III.	1443	1483 June 26	2 1 26	1485 Aug. 22	42	Leicester.

THE FAMILIES UNITED.

Henry VII.	1456	1455 Aug. 22	23 7 30	1509 April 21	52	Westminster.
Henry VIII.	1492	1509 April 22	37 9 6	1547 Jan. 28	55	Windsor.
Edward VI.	1537	1547 Jan. 28	6 5 9	1553 July 6	16	Westminster.
Queen Mary	1516	1553 July 6	5 4 11	1558 Nov. 17	42	Westminster.
Qu. Elizabeth	1533	1558 Nov. 17	44 4 7	1603 Mar. 24	69	Westminster.

THE UNION OF THE ENGLISH AND SCOTCH CROWNS.

James I.	1566	1603 Mar. 24	22 0 3	1625 Mar. 27	58	Westminster.
Charles I.	1600	1625 Mar. 27	23 10 3	1649 Jan. 30	48	Windsor.
Charles II.	1630	1649 Jan. 30	36 0 7	1685 Feb. 6	54	Westminster.
James II.	1633	1685 Feb. 6	3 10 5	1688 Dec. 11	67	Paris.
William III.	1650	1689 Feb. 13	13 0 20	1702 Mar. 8	51	Westminster.
Mary II.	1662				32	Westminster.

THE UNION OF THE TWO KINGDOMS.

Queen Anne	1665	1702 Mar. 8	12 4 24	1714 Aug. 1	49	Westminster.
George I.	1660	1714 Aug. 1	12 10 10	1727 June 11	67	Hanover.
George II.	1683	1727 June 11	33 4 14	1760 Oct. 25	77	Westminster.
George III.	1738	1760 Oct. 25	59 3 4	1820 Jan. 29	82	Windsor.
George IV.	1762	1820 Jan. 29	10 4 28	1830 June 26	68	Windsor.
William IV.	1765	1830 June 26	6 11 25	1837 June 20	72	Windsor.
VICTORIA	1819	1837 June 20				Whom God preserve.

The COMMONWEALTH, under Cromwell and his Son, lasted from Jan. 30th, 1649, to May 29th, 1659; or 11 years 3 months 29 days.

It was not until the reign of Elizabeth that the principle that "The King never dies," was admitted; that of hereditary right, from November, 1272.

The three longest reigns were those of Henry III., Edward III., and George III. Richard I.'s body was buried at Fontevrault, his head at Rouen, and his heart at Charron, agreeably to his own directions. H. VI. dep. in 1461, d. in 1471.

John was crowned four times, viz. on May 27th, 1199; on Oct. 8th, 1200; on March 25th, 1201; and on April 14th, 1202.

Henry III. was crowned twice: viz. Oct. 28th, 1216; and May 17th, 1220.

Edward III. was King of France from January 1340 to May 1360.

Some legal documents between July 5th & 17th, 1553, refer to Jane [Grey] as Queen.

BIRTH-DAYS OF THE ROYAL FAMILY.

QUEEN VICTORIA - - - born 24 May 1819.
 PRINCE ALBERT - - - born 26 Aug. 1819.
 THE PRINCESS ROYAL - - born 21 Nov. 1840.

Queen Dowager	- - -	13 Aug. 1792	Duchess of Kent	- - -	17 Aug. 1786
King of Hanover	- - -	5 June 1771	Duchess of Cambridge	- -	25 July 1797
Duke of Sussex	- - -	27 Jan. 1773	George Frederick of Han.	27 May 1819	
Duke of Cambridge	- -	24 Feb. 1774	George William of Cam.	26 Mar. 1819	
Duchess of Gloucester	- -	25 April 1776	Augusta Caroline of Cam.	19 July 1822	
Princess Sophia Matilda	29 May 1773		Mary Adelaide of Cam.	27 Nov. 1833	

SOVEREIGNS OF EUROPE.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c.	VICTORIA - - -	May 24 - - 1819	June 20 - - 1837
France, &c.	Louis Philippe I.	Oct. 6 - - 1773	Aug. 9 - - 1830
Russia, &c.	Nicholas - - -	July 7 O. S. 1796	Dec. 1, O. S. 1825
Spain	Maria Isabella - -	Oct. 10 - - 1830	Sept. 29 - - 1833
Portugal	Maria de Gloria - -	April 4 - - 1819	May 2 - - 1826
Prussia	Frederic Wm. IV.	Nov. 15 - - 1795	June 7 - - 1840
Netherlands	William II. - -	Dec. 6 - - 1792	Oct. 7 - - 1840
Belgium	Leopold I. - -	Dec. 16 - - 1790	July 21 - - 1831
Denmark	Frederic VII. - -	Sept. 18 - - 1786	Dec. 3 - - 1839
Sweden & Norway	Charles XIV. - -	Jan. 26 - - 1764	Feb. 5 - - 1818
Austria, &c.	Ferdinand - - -	April 19 - - 1793	Mar. 2 - - 1835
Papedona	Gregory XVI. - -	Sept. 18 - - 1765	Feb. 2 - - 1831
Sardinia	Charles Amadeus	Aug. 16 - - 1800	Apr. 27 - - 1831
Naples, &c.	Ferdinand II. - -	Jan. 12 - - 1810	Nov. 8 - - 1830
Ottoman Empire	Abdul Medjid - -	April 19 - - 1823	July 1 - - 1839
Hanover	Ernest Augustus - -	June 5 - - 1771	June 20 - - 1837
Greece	Otho I. - - -	June 1 - - 1815	Feb. 6 - - 1833

TABLE TO CALCULATE WAGES.

Pr. Yr. Per Month.	Pr. Week.	Per Day.	Pr. Yr. Per Month.	Pr. Week.	Per Day.	
£	£ s. d.	£ s. d.	£	£ s. d.	s. d.	
1	0 1 8	0 0 4½	0 0 0½	15	1 5 0	0 5 9
2	0 3 4	0 0 9½	0 1 1½	16	1 6 8	0 6 1½
3	0 5 0	0 1 1½	0 2 9	17	1 8 4	0 6 6½
4	0 6 8	0 1 6½	0 2 3½	18	1 10 0	0 6 10½
5	0 8 4	0 1 11	0 3 4½	19	1 11 8	0 7 3½
6	0 10 0	0 2 3½	0 4	20	1 13 4	0 7 8
7	0 11 8	0 2 8½	0 4 4½	30	2 10 0	0 11 6
8	0 13 4	0 3 0½	0 5 1½	40	3 6 8	0 15 4
9	0 15 0	0 3 5½	0 6	50	4 3 4	0 19 2
10	0 16 8	0 3 10	0 6 1½	60	5 0 0	1 3 0½
11	0 18 4	0 4 2½	0 7 ½	70	5 16 8	1 6 10½
12	1 0 0	0 4 7½	0 8	80	6 13 4	1 10 8½
13	1 1 8	0 4 11½	0 8 ½	90	7 10 0	1 14 6½
14	1 3 4	0 5 4½	0 9 ½	100	8 6 8	1 18 4½

The Months in the above Table are calculated at only Twelve Months to the Year. If the yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per Year are Ten Shillings per Month; but, if the Wages be Six Guineas, add one Penny for each Guinea, that is, Sixpence, and it will then be Ten Shillings and Sixpence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Five-pence per Week.

A plain and easy TABLE, showing the time of HIGH WATER.

Note.—Opposite the Moon's Age in the first column you have nearly the time of High Water at the Places specified in the several columns; * denotes a little before, † a little after.

* Aberdean, Bergen, * Flushing, Goodwin Sands, Gravesend, † Gore, † May Isle, † Montrose, Romney, Gravesend, † Gore, † May Isle, † Montrose, Romney, † Nore Light, † Tay Bar.

† Banff, Calais, Chichester, † Cromartie, * Deal, Dunkirk, Gravelines, † Greenock, Harwich, Kentish Knock, Liverpool, N. Foreland, Portsmouth Dock-yard, † Ransgate, Southampton, St. Helens.

* Aherdean, Bergen, * Flushing, Goodwin Sands, Gravesend, † Gore, † May Isle, † Montrose, Romney, † Nore Light, † Tay Bar.

† Amsterdam, † Alne, Berwick, † Blythe, † Burut Island, Cincold's Point, Dunbar, Dundee, Drontheim, Egg-mouth, † Hartlepool, Helena (St.), Leith Pier, London Bridge, † Rotterdam.

Barnstaple Bar, † Bolt Head, * Donegal, * Edystone, * Fowey, † Millwood Haven, * Morlaix, Plymouth Dock-yard, † Salties.

Achill II., Bridport, Cancele B., Carmarthen Bar, Dartmouth, † Exmouth, † Gurnsey Pier, Hull, Lewis Islands, Pembroke Dock-yard, † Portland Pier, St. Malo, Swansea Bay, Torbay, † Weymouth.

† Barnmouth, Cherbourg, * Boston, † Bristol, Brehat Isle, Dodgeon Light, † Gironde Mouth, Sandy Hook, † Texel (S.P.), Wexford Harbour.

Aldboro', * Anlwick, † Beachy Off., Calf of Man, Cowes, Douglas, Dindal, Dungeness, † Havre, * Pentland Firth, Rye, * Stromness, Yarmouth Sands.

Cairston, Cantire (Mull), Carnarvon, * Christchurch H., Donachadee, † Lerwick, † Needles, Rathlin I., † Spithead, Texel, Wicklow.

N.B.—The Moon's Age is given in the Calendar pages.

D.	h. m.									
0 15	11 38	1 30	2 18	5 36	6 8	7 33	10 48	9 10		
1 16	12 26	2 18	3 6	6 18	6 56	8 21	11 36	9 58		
2 17	1 14	3 6	3 54	7 6	7 44	9 9	12 24	10 46		
3 18	2 2	3 54	4 42	7 54	8 32	9 57	1 12	11 34		
4 19	2 50	4 42	5 30	8 42	9 29	10 45	2 0	12 22		
5 20	3 38	5 30	6 18	9 30	10 8	11 33	2 48	1 10		
6 21	4 26	6 18	6 6	10 18	10 56	12 21	3 36	1 58		
7 22	5 14	7 6	7 54	11 6	11 44	1 9	4 24	2 46		
8 23	6 2	7 54	8 42	11 54	12 32	1 57	5 12	3 34		
9 24	6 50	8 42	9 30	12 42	1 20	2 45	6 0	4 22		
10 25	7 38	9 30	10 18	1 30	2 8	3 33	6 48	5 10		
11 26	8 26	10 18	11 6	2 18	2 56	4 21	7 36	5 58		
12 27	9 14	11 6	11 54	3 6	3 44	5 9	8 24	6 46		
13 28	10 2	11 54	12 42	3 54	4 32	5 57	9 12	7 34		
14 29	10 50	12 42	1 39	4 42	5 20	6 45	10 0	8 22		

NOTE.—The times in the above Table, though only approximative, are usually true within half an hour.

A Table of the Equation of Time, for regulating Clocks and Watches for 1842.

D.	January.	February.	March.	April.	May.	June.
1	3m. fa. 51s.	13m. fa. 55s.	12m. fa. 39s.	4m. fa. 1s.	3m. slo. 2s.	2m. slo. 35s.
3	4 47	14 10	12 14	14 3	25 3	17 2
5	5 42	14 21	11 48	2 49	3 3	1 57
7	6 35	14 28	11 19	2 14	3 3	1 35
9	7 26	14 33	10 49	1 40	3 3	1 13
11	8 14	14 35	10 18	1 7	3 3	0 49
13	9 1	14 33	9 45	0 35	3 3	0 25
15	9 45	14 28	9 12	0 5	3 3	0 0
17	10 26	14 21	8 37	0 slo. 25	3 3	0 fa.
19	11 4	14 10	8 1	0 52	3 3	0 52
21	11 39	13 57	7 25	1 19	3 3	1 17
23	12 11	13 41	6 48	1 43	3 3	1 43
25	12 40	13 23	6 11	2 6	3 3	2 9
27	13 6	13 2	5 34	2 27	3 3	2 34
29	13 28	- -	4 57	2 46	3 0	58
31	13 47	- -	4 20	- -	2 44	- -

Equation of Time Table — *continued.*

D.	July.	August.	September.	October.	November.	December.
1	3m. fa. 22s.	6m. fa. 0s	6m. slo. 6s.	10m. slo. 17s.	16m. slo. 17s.	10m. slo. 4ss.
3	3 45	5 53	0 43	10 54	16 18	10 2
5	4 7	5 42	1 22	11 30	16 16	9 13
7	4 27	5 30	2 2	12 5	16 10	8 22
9	4 46	5 15	2 42	12 38	16 1	7 28
11	5 4	4 58	3 21	13 9	15 49	6 34
13	5 19	4 38	4 5	13 39	15 34	5 37
15	5 33	4 17	4 48	14 6	15 15	4 40
17	5 45	3 53	5 30	14 32	11 53	3 42
19	5 54	3 26	6 12	14 55	14 28	2 43
21	6 1	2 58	6 54	15 15	13 59	1 43
23	6 6	2 28	7 36	15 33	13 27	0 43
25	6 9	1 57	8 18	15 48	12 52	0 fa. 17
27	6 9	1 24	8 58	16 6	12 14	1 1
29	6 8	0 49	9 38	16 9	11 32	2 16
31	6 3	0 13	- -	16 15	- -	3 14

Note. — Fa. means Clock too fast; that is, your Clock, to be right, must be so much faster than the Sun Dial — slo. that your Clock must be so much slower than the Sun Dial.

To set a Clock or Watch on any Day by means of this Table: — Take out the number of Minutes and Seconds which stands against that day, and make your Clock or Watch so much faster or slower (according as the Table is marked *fa.* or *slo.*) than the time on a good Sun Dial. Thus, on January 1st, the Clock must be set 3m. 51s. *faster* or *before* the dial: on the 1st of October, it must be set 10m. 17s. *slower*. Correct the Watch when the Dial marks just an hour, as 9, 10, 11, 1, 2, 3, or 4 o'clock. Noon is *not* best, nor near Sun-rise or Sun-set.

Note. — The Sun's risings and settings, in this Almanack, are still given in Solar Time, as best fitted for my numerous country friends. See also p. 27. Almanack for 1838.

A TABLE showing the Days on which the Moon enters the several Signs of the Zodiac, in 1842.

Days of Month.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-	m	-	v ^o	vv	-	3	-	II	wp	m	t
2	z	-	-	-	-	-	8	-	Q	-	m	v ^o
3	-	z	z	-	-	-	-	-	wp	-	m	-
4	-	-	-	-	-	-	-	-	m	-	c	-
5	m	-	v ^o	-	-	-	5	II	Q	-	v ^o	-
6	-	v ^o	-	-	-	-	-	-	wp	-	p	-
7	z	-	vv	-	-	-	3	II	wp	m	v ^o	-
8	-	vv	-	-	-	-	8	-	wp	-	v ^o	-
9	v ^o	-	-	-	-	-	3	II	Q	-	v ^o	-
10	-	-	-	*	-	-	8	-	wp	-	z	-
11	-	-	-	-	*	-	II	-	m	-	vv	-
12	vv	-	-	-	-	-	6	wp	-	z	-	-
13	-	-	-	-	-	-	6	-	wp	-	v ^o	-
14	-	*	-	-	-	-	3	II	wp	-	v ^o	-
15	-	-	-	-	-	-	8	II	m	-	v ^o	-
16	-	-	-	-	-	-	II	wp	-	z	-	-
17	z	-	-	-	-	-	6	wp	-	v ^o	-	-
18	-	-	-	-	-	-	6	wp	-	v ^o	-	-
19	-	z	-	-	-	-	3	II	wp	-	v ^o	-
20	-	-	-	-	-	-	8	II	m	-	v ^o	-
21	-	-	-	-	-	-	II	wp	-	z	-	-
22	-	II	-	Q	-	-	6	wp	-	v ^o	-	-
23	-	II	-	Q	-	-	6	wp	-	v ^o	-	-
24	-	6	wp	wp	wp	-	3	z	-	z	-	-
25	-	Q	wp	wp	wp	-	8	wp	-	wp	-	-
26	-	Q	wp	wp	wp	-	3	z	-	z	-	-
27	-	wp	m	m	m	-	8	wp	-	wp	-	-
28	-	wp	m	m	m	-	3	z	-	z	-	-
29	-	z	-	-	-	-	8	wp	-	wp	-	-
30	-	z	-	-	-	-	3	z	-	z	-	-
31	-	-	-	-	-	-	6	wp	-	wp	-	-

32 PLANETARY PHENOMENA, &c. [MOORE.]

MEAN TIME at GREENWICH when the PLANETS enter the several signs of the ZODIAC in 1842.

MERCURY.

		h. m.
January	- 19th, at 6	26 morn. ☽
February	5th, at 0	19 aft. ☻
April	- 14th, at 3	20 morn. ☻
May	- 1st, at 9	39 morn. ☈
	15th, at 0	14 aft. ☉
	31st, at 6	38 morn. ☽
August	- 8th, at 8	46 morn. ☉
	23d, at 5	45 aft. ☉
September	9th, at 6	49 morn. ☉
	29th, at 7	1 aft. ☉
December	5th, at 4	29 morn. ☉
	24th, at 11	15 morn. ☉

VENUS.

		h. m.
January	- 5th, at 0	48 morn. ☽
	28th, at 10	15 aft. ☽
February	21st, at 8	27 morn. ☻
March	- 17th, at 9	41 aft. ☽
April	- 11th, at 2	11 morn. ☈
May	- 5th, at 10	27 morn. ☉
	29th, at 11	41 aft. ☽
June	- 23d, at 6	11 aft. ☽
July	- 15th, at 7	53 aft. ☉
August	- 13th, at 9	15 morn. ☉
September	8th, at 6	39 aft. ☉
October	- 7th, at 0	21 morn. ☉
November	12th, at 6	5 aft. ☽
December	13th, at 2	31 aft. ☉ R.

MARS.

		h. m.
January	- 6th, at 11	51 morn. ☽
February	14th, at 10	1 morn. ☽

	h. m.
March	26th, at 11
May	7th, at 8
June	20th, at 5
August	4th, at 9
September	20th, at 11
November	8th, at 7
December	28th, at 10

JUPITER and SATURN are in ☽ all the year; and URANUS in ☻ during the same period.

NOTE.—When R occurs, it shows the planet is *retrograde*, and that it enters at the terminating point of the sign against which it stands. Only one instance of this takes place within the period of the present year, and that is of *Venus* on the 13th of December.

The Times when the PLANETS are stationary in 1842, M. T. Greenwich.

	d. h.
February	21 8 aft. ☈
March	15 11 aft. ☈
April	23 10 aft. ☉
May	10 9 aft. ☉
June	25 3 morn. ☈
July	4 1 morn. ☉
	19 6 aft. ☈
September	9 6 morn. ☉
	12 4 morn. ☉
October	20 3 aft. ☈
November	9 1 aft. ☈
	28 0 alt. ☈
December	4 11 morn. ☉

On the POWERS OF TELESCOPES necessary for observing different Celestial Objects.

Comets may be advantageously seen with a power of about 15.

The sun, moon, and nebulae, with powers of from 45 to 60.

Jupiter and his moons, from 80 to 130; but for estimating the brightness and apparent magnitude of the satellites, a lower power than 180 will not do well. The belts of Jupiter are scarcely discernible in a one-foot achromatic, but may be seen with an 18-inch of 1 and 3-10th aperture, and power of 40; and are beautifully seen in a two-feet achromatic, with an aperture of 1 and 6-10ths, and a power of from 40 to 60.—Note. The 3d satellite is considerably larger than any of the rest; the 1st is a little larger than the 2d, and nearly of the size of the 4th.

The phases of Venus may be seen with a power from 40 to 60; a still higher power is advisable for the phases of Mercury and Mars. These are interesting objects; and to watch these planets changing like our moon is very instructive.

The best powers for Saturn generally are from 130 to 200. To view him with full effect, he should not be more than two, or, in very fine nights, three hours from the meridian. The phenomena most worthy of observation in this planet are the following:—his belts; the singular compression at his poles, his double ring; the shadow of the ring upon the planet, and of the planet upon the ring; his seven satellites. The ring may be seen in an 18-inch telescope, with a power of 40; but, for observing the division of the ring, its shadow upon the planet, &c., a less power than 200 will scarcely suffice. As to the satellites, the visibility of those minute and exceedingly faint objects depends more upon the penetrating than upon the magnifying power of our telescopes.

The satellites of Herschel's planet, or Uranus, were discovered with a power of 157. But magnifiers of from 300 to 600 are necessary to trace those remote bodies with full effect.

Double, triple, and quadruple stars require powers from 200 to 400 or 500. It is a curious fact, that a faint star, in the neighbourhood of a large one, will often become very conspicuous while the observation is directed to the large one; but will disappear, as if blotted out, when the eye is turned full upon it.

STAMP DUTIES.

RECEIPTS.	s. d.	BONDS AND MORTGAGES. £ s.
If £5 and under £10	- - 0 3	For any Sum not above £50 - - 1 0
10 ditto	- - 0 6	£50 and not above £100 - - 1 10
20 ditto	- - 1 0	100 ditto 200 - - 2 0
50 ditto	- - 1 6	200 ditto 300 - - 3 0
100 ditto	- - 2 6	300 ditto 500 - - 4 0
200 ditto	- - 4 0	500 ditto 1,000 - - 5 0
300 ditto	- - 5 0	1,000 ditto 2,000 - - 6 0
500 ditto	- - 7 6	2,000 ditto 3,000 - - 7 0
1,000 and upwards	- - 10 0	3,000 ditto 4,000 - - 8 0
Any sum, if in full	- - 10 0	4,000 ditto 5,000 - - 9 0
The Stamp to be paid by the Person giving the Receipt.		5,000 ditto 10,000 - - 12 0
Receipt Stamps necessary if money be paid by Promissory Notes, &c.		Bonds of Indemnity - - - 1 15

BILLS & PROMISSORY NOTES.

Payable on Demand or at Other-
not exceeding 2 mo. after wise date, or 60 days aft. sight. payab.

£ s.	£ s. s. d.	s. d.
If for 2 0	5 5 1 0	1 6
Above 5 5	20 0 1 6	2 0
20 0	30 0	2 6
30 0	50 0	2 6
50 0	100 0	3 6
100 0	200 0	4 6
200 0	300 0	5 0
300 0	500 0	6 0
500 0	1,000 0	8 6
1,000 0	2,000 0	12 6
2,000 0	3,000 0	15 0
3,000 0		25 0
		30 0

Penalty for post-dating Bills, £100.

TRANSFERS AND DIVIDENDS IN THE FUNDS.

Name of the Stock.	Days of Transfer.	Due.	Hours.
BANK Stock	Tu Th F	-	
3 per cent. Reduced	Tu W Th F	April 5	Hours for buying, selling, and trans-
3½ per cent. Reduced	Tu Th S		ferring, from 11 to 1; for accepting,
Long Annuities	M W S	Oct. 10	from 9 to 3; for pay-
4 per cent. 1826	Tu Th F		ment of Dividends,
3 per cent. Consols	Tu W Th F	Jan. 5	from 9 to 11, and
Ditto, 1726	Tu Th		from 1 to 3; and for
New 3½ per cent.	Tu W Th F	July 5	3 per cent. Consols,
Imperial 3 per cent.	M W F	May 1	from 9 to 3 every
Imperial Annuities	Tu Th S	Nov. 1	day.
Irish 5 per cent.	Tu Th S	May 25	
Irish Ann. 1794, 1795	Th S	Sept. 25	
SOUTH SEA Stock	M W F	Jan. 5	Hours of Transfer,
3 per cent. New Ann.	Tu Th S		from 12 to 1; for re-
3 per cent. 1751	Tu Th S	July 5	ceiving Dividends,
Ditto Old Annuities	M W F	Apr. & Oct. 5	from 9 to 2.
INDIA Stock	Tu Th	Jan. 5, July 5.	
India Bonds	- - -	Interest due, Mar. 31, Sept. 30.	

Private Transfers may be made at other times than as above, by paying 2s. 6d. extra at the Bank and India House, and 3s. 6d. extra at the South Sea House.

HOLIDAYS AT THE BANK.

There are now only four, viz. Christmas Day, Good Friday, May 1, and Nov. 1. Of these the first two only are observed at the Dividend Office.

Chronology OF REMARKABLE OCCURRENCES.

1066	Norman Conquest.	1803	War with France renewed, after a peace of 14 months.
1116	First Parliament of two Houses.	1804	Buonaparte made Emperor.
1185	Ireland conquered by the English.	1805	Battle of Trafalgar.
1304	Edward I. reduced Scotland.	1805	Deaths of Mr. Pitt and Mr. Fox.
1369	Wickliffe began the Reformation.	1807	English take Copenhagen; Treaty of Tilsit; Portuguese government emigrate to the Brazils; Gas Lights instituted.
1492	Columbus discovered America.	1809	Jan. 16, Battle of Corunna.
1584	Sir Wal. Raleigh discovered Virginia.	1812	Moscow burnt.
1588	Spanish Armada destroyed.	1813	War with America; Revolution in Holland; Pr. of Orange recalled.
1603	Plague in London; died 56,570.	1814	Severe Frnst; Allies invaded France; Capitulation of Paris; Buonaparte abdicated, & went to Elba; Emperor of Russia, King of Prussia, &c., visited London; Peace proclaimed.
1605	Popish Gunpowder Plot, Nov. 5.	1815	Buonaparte returned to France; BATTLE OF WATERLOO; Surrender of Paris; Return of Louis XVIII.; Buonaparte exiled to St. Helena, where he died May 5, 1821.
1610	Jupiter's Satellites discovered.	1816, 1817, 1819	Vauxhill, Waterloo, and Southwark Bridges opened.
1611	New Translation of the Bible, by Royal Authority.	1820	GEORGE III. died, Jan. 29.
1614	New River brought to London.	1825	South America independent.
1616	Shakspeare died.	1825	Independ. of Hayti acknowledged.
1625	Plague in London; died 31,517.	1827	Battle of Navarino, Oct. 20.
1632	Fire on London Bridge, Feb 11.	1828	Repeal of the Test and Corporation Acts.
1649	King Charles I. beheaded, Jan. 30.	1829	Apr. 13, Catholic Relief Bill passed.
1653	Cromwell made Protector, Dec. 12.	1830	June 26, GEORGE IV. died, aged 68; Accession of WILLIAM IV.
1655	George Fox, first of the Quakers.	1830	July, Algiers taken by the French.
1658	Oliver Cromwell died, Sept. 3.	1830	July 27, Revolution in France; abdication of Charles X.; the Duke of Orleans declared King; Revolution at Brussels.
1660	Charles II. restored, May 29.	1831	July 21, Leopold, of Saxe Coburg, installed King of the Belgians.
1662	Royal Society instituted.	1831	July 21, Emperor of Brazil abdicated.
1666	Burning of London, Sept. 2.	1831	Aug. 1, London Bridge opened; first stone laid June 1, 1825.
1669	Royal Exchange first opened.	1832	March 21, General Fast on account of the Cholera.
1670	Prince of Orange arrived.	1832	Reform of Parliament Bills passed.
1672	Halfpence & Farthings first coined.	1833	Prince OTHO, of Bavaria, chosen King of Greece; Don Pedro invaded Portugal; Miguel's Fleet taken by Captain Napier; Slave Emancipation Bill passed.
1677	Pr. of Orange married Mrs. Mary.	1835	Sept. Municipal Corporations Bill passed.
1678	The Popish Plot discovered.	1836	New Marriage Act passed.
1679	The Habeas Corpus Act passed.	1837	WILLIAM IV. died June 20; Queen VICTORIA succeeded.
1688	7 Bishops sent to the Tower, June 8.	1838	Jan. 10, Royal Exchange burnt down.
1688	Pr of Orange land, at Torbay, Nov. 4.	1838	June 28, Queen VICTORIA crowned.
1688	King James II. abdicated, Dec. 12.	1840	Feb. 10, Queen m. to Prince Albert.
1689	William & Mary crowned, Apr. 11.	1841	Sovereignty of New Zealand claimed by England.
1693	Bank of England established.		
1704	Gibraltar taken by Sir Geo. Rooke.		
1707	England & Scotland united, May 1.		
1727	Sir Isaac Newton died, March 20.		
1727	Earthquake in several parts of England.		
1745	A Rebellion in Scotland.		
1746	Battle of Culloden, April 16.		
1750	Westminster Bridge finished.		
1752	Style and Calendar altered, Sept. 2.		
1755	Lisbon destroyed by an Earthquake.		
1765	General Warrants declared illegal.		
1775	American War declared, Aug. 23.		
1776	Americans declare their Independ.		
1778	War against France.		
1779	War against Spain.		
1780	War against Holland.		
1783	A General Peace. — Fiery Meteor passed over England, Aug. 18.		
1784	Establishment of Mail Coaches.		
1792	France a Republic. — King of Sweden shot by Ankerstrom.		
1793	King & Queen of France guillotined.		
1796	Great Earthquake at Lisbon.		
1797	Ireland invaded by the French; Suspension of Cash Payts. at the Bank.		
1798	Battle of the Nile, Aug. 1.		
1799	Buonaparte made First Consul.		
1801	Union with Ireland — General Peace.		
1801, 1802, 1804.	The Planets Ceres, Pallas, and Juno, discovered.		

AN ACCOUNT OF

THE ECLIPSES OF THE SUN AND MOON,

*And other Appearances in the Heavens, in the Year 1842,
the Result of careful Calculations from the most correct
and approved Data relative to the Celestial Bodies.*

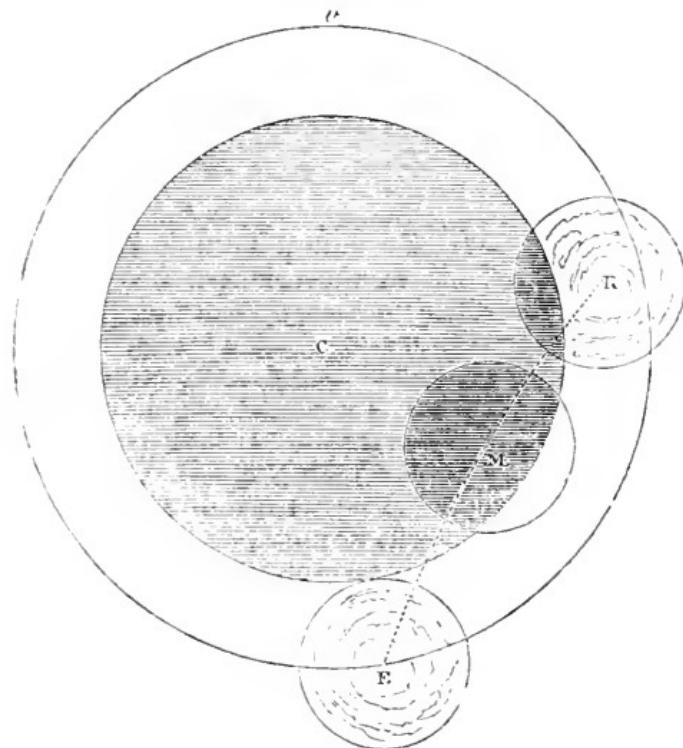
SOLAR and Lunar Eclipses are phenomena which have, in all ages of the world, excited the attention of mankind. The accuracy with which they are now predicted by astronomers must convince the most sceptical of the truth of those mathematical and physical principles by which they are enabled, with the assistance of complicated calculations, to arrive at such pleasing and unerring results. Turning to these matters, as they relate to the present year, I find there will be *five* Eclipses, that is, *three* of the Sun, and *two* of the Moon; when one of each luminary will be visible in this country.

1. The *first* Eclipse of this year will be an annular one of the Sun, on *Tuesday*, the 11th of *January*, in the afternoon; and as the Moon has considerable austral latitude at the time, this eclipse will be confined to the southern hemisphere, and of course be *invisible* to us in *Great Britain*. This eclipse will commence at 1h. 52m. 0s., in the *Pacific Ocean*, latitude $44^{\circ} 40'$ S., longitude $159^{\circ} 4'$ W. The Sun will rise centrally eclipsed at 5h. 31m. 42s., also in the *Pacific Ocean*, latitude $65^{\circ} 9'$ S., longitude $160^{\circ} 5'$ E. The central Eclipse passing thence to latitude $88^{\circ} 41'$ S., and longitude $57^{\circ} 28'$ W., where the Sun becomes centrally eclipsed at noon; and, in consequence of the Moon being near her apogee, or greatest distance from the earth, she will appear considerably less than the sun, so that there will be a beautiful annulus, or ring of light, around the moon's dark orb; similar to what was exhibited to the northern parts of *England*, and in *Scotland*, on the 15th of *May*, 1836. The central eclipse, after leaving those unknown regions of perpetual frost and snow, where no human being exists, passes along the bosom of the briny deep, where it terminates with the setting sun, at 5h. 19m. 24s., in latitude $44^{\circ} 2'$ S., and longitude $54^{\circ} 50'$ E. The penumbra now rapidly decreasing, finally quits the earth in the *South Atlantic Ocean*, at 6h. 59m. 6s., latitude $18^{\circ} 27'$ S., and longitude $5^{\circ} 4'$ W. This eclipse, amounting to about 5 digits, will be visible at *Cape Horn*; and to the extreme southern parts of *Africa*, the Sun will appear more or less eclipsed. At the *Cape of Good Hope* the eclipse begins at 58 minutes past 5; the

greatest obscuration 57 min. past 6, when 9 digits are eclipsed on the Sun's southern limb, and the eclipse ends at 55 min. past 7 P.M. mean time at the Cape.

2. The second in the list of these phenomena is a *partial* and *visible* eclipse of the Moon, on *Wednesday, January 26th*, in the evening; when the times of its different phases, according to the meridians of the respective places therein mentioned, will be found to agree with the following table:—

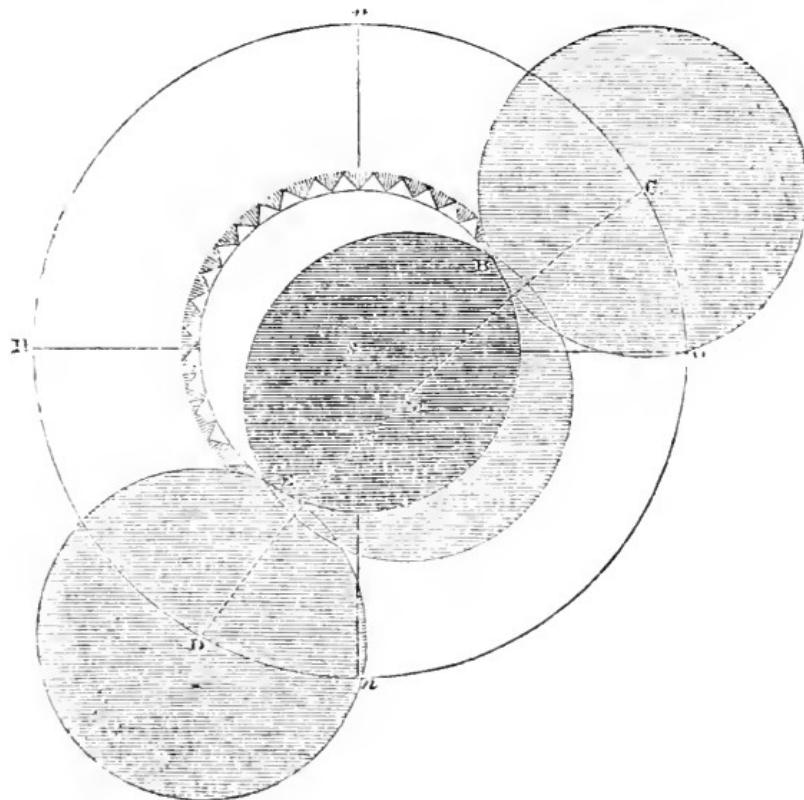
Eclipsed, Jan. 26th, P. M.	Greenwich.	Durham.	Manchester.	Yarmouth.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.
Beginning - - -	4 17 36	4 11 12	4 8 52	4 24 36
Moon rises - - -	4 33 42	4 19 45	4 26 9	4 29 5
Greatest obscuration	5 43 42	5 37 18	5 34 58	5 50 42
End - - -	7 9 42	7 3 18	7 0 58	7 16 42



In the above delineation *v* is the vertex, and *C* the centre of the earth's shadow; *R M E* the apparent path of the moon during the time the eclipse is visible at *Greenwich*; the moon rising at *R* 5 dig. $5\frac{1}{2}$ eclipsed; attains her greatest obscuration at *M*, where she will be $9^{\circ} 50' 14''$ eclipsed on her northern limb; and on her arriving at *E.*, the vanishing point of the earth's shadow will be found to leave the moon at $6^{\circ} 5' 30''$ to the left

of her vertex, and the eclipse is at an end. At the beginning of this eclipse the Moon will be vertical in lat. $18^{\circ} 52'$ N., and long. $117^{\circ} 46'$ E.; which falls in the *Chinese Sea*, very near the western coast of *Luconia*, the chief of the *Phillipine* islands, not far from where *Mr. Anson* took the rich *Acapulco* ship, the treasure whereof he brought to *England* in the year 1744. At the termination of the eclipse the moon will be in the zenith, in lat. $17^{\circ} 55'$ N., and long. $76^{\circ} 26'$ E., a little to the north-east of *Visiapore*, a city of the *Hither Peninsula* of *India* in *Asia*. Hence this eclipse will be visible not only to the extensive continent of *Asia*, but also to nearly the whole of *Africa*, to the various nations of *Europe*, and will extend itself to *Nova Zembla*, and to the *North Pole*.

5. The third is a total Eclipse of the SUN, on *Friday*, the 8th of *July*, early in the morning; and, agreeably to my announcement at page 57. of my almanack for 1840, will prove very large throughout *Great Britain*, and total in the southern parts of *France*, &c.



This eclipse commences at *Greenwich* (*July* 8.) about one hour after the sun has risen there, that is, at 4h. 53m. 20s.; attains the apparent visible \textcirc at 5h. 46m. 12s.; arrives at its greatest obscuration at 5h. 46m. 22s.; and the moon leaves the

sun's disc, or the eclipse ends, at 6h. 42m. 54s. The greatest obscuration will be $9^{\circ} 42' 50''$, on the southern part of the sun, agreeably to the TYPE at the bottom of page 57., which may serve tolerably well for any part of *England*, excepting in the magnitude of the eclipse,—increasing to the south, and diminishing to the north from *Greenwich*. Here we have *v n*, a vertical, and *H O*, a horizontal line, passing through *S*, the sun's centre; *C M D*, the curve described by the moon's centre; *B* the point where the dark body of the moon makes the first visible impression on the Sun's periphery, or the eclipse begins, and *E*, the same where it ends; the former is $60^{\circ} 1' 53''$ to the right from the sun's vertex. The following instants are given in mean or clock time according to the respective meridians.

⊖ eclipsed, July 8th, A.M.	Beginning.			Middle.	End.	Magnitude.					
		h.	m.	s.	h.	m.	s.	°	'	"	
Dublin -	-	4	33	30	5	24	12	6	17	54	8 31 55
Edinburgh -	-	4	48	36	5	39	48	6	34	0	8 14 58

At *Dublin*, the moon makes the first impression on the sun at 68° from his vertex; and at *Edinburgh* at 70° from that point to the right.

As *Francis Moore* always takes an annual trip to *France*, he deems it right, for the information of his friends there, to give them some particulars of this eclipse for *Paris*, *Marseilles*, &c. At *Paris* the eclipse will be much larger than at *London*, and at *Orleans* still larger. At the city of *Marseilles*, on the borders of the *Mediterranean*, the eclipse will be total for at least two minutes, like that which took place in the south of *England* on the 22d of *April*, 1715, and was carefully observed by the *Rev. John Flamsteed*, the astronomer royal at *Greenwich*; by *Dr. Halley*, and other scientific gentlemen in *London*, who spake of the darkness impressing “a sense of horror on the minds of the spectators.” At *Paris* the eclipse begins at 4h. 58m. 18s.; middle 5h. 52m. 24s., when $10^{\circ} 50' 45''$ of the solar disc will be obscured, and the en'd 6h. 50m. 24s., mean time at *Paris*. The first impression of the moon on the sun's periphery will take place at 53° to the right of the sun's vertex. At *Marseilles* the eclipse begins at 5h. 2m. 47s.; total darkness commences at 5h. 56m. 40s.; least distance of the centres of the sun and moon ($18''\cdot 5$) at 5h. 57m. 42s.; termination of totality at 5h. 58m. 45s.; end of the eclipse, at 6h. 57m. 1s.: the moon's first impression on the solar disc will be at $50^{\circ} 47' 18''$ to the right of the sun's vertex. The inhabitants of this place and neighbourhood, after having beheld the lovely orb of day arise in all his glory on the summer scene, shall see him appear to sink back into the arms of night, while the stars of

heaven resume their twinkling; they will realize the truth of the following quotation:—

“ The sickening sun shines dim, and in the sight }
 Of gazing crowds, resigns his waning light ; }
 Mark, how he labours with relapse of night ! }
 How his diminish'd face a crescent seems ,
 Like Cynthia newly silver'd with his beams :
 But as in full eclipse his light expires ,
 Back to its source our gelid blood retires ;
 Chill'd with surprise our trembling joints unbrace ,
 And pale confusion sits on every face :
 The bleating flocks, no more the shepherd's care ,
 Stray from those folds to which they would repair :
 Home to his young the raven wings his way ,
 And leaves untasted yet his bleeding prey :
 While towering larks their rival notes prolong ,
 And drop benighted in their morning song.”

The general Eclipse will commence at 4h. 32m. 6s. A.M. in the *Great Desert of Africa*, to the south-west of *Agreee*, latitude $27^{\circ} 55' N.$, and longitude $10^{\circ} 50' E.$. The sun will rise centrally and totally eclipsed in the *North Atlantic Ocean* about 120 miles south-west from *Lisbon*. The central eclipse now passing through *Portugal*, *Spain*, *France*, and *Hungary*, will enter the *Russian Empire*, where I find the sun will be centrally and totally eclipsed at noon-day, in lat. $51^{\circ} 47' N.$, long. $77^{\circ} 27' E.$; which falls to the south-east of *Tobolski*, not far from *Lake Tchani*, near the banks of the great river *Irtish*. Thence this phenomenon will pass over into the *Chinese Empire*, and will, at the setting of the sun, quit the globe, at 8h. 38m. 6s., in lat. $14^{\circ} 52' N.$, and long. $147^{\circ} 54' E.$, among the *Ladron Islands*, in the *Pacific Ocean*,—so called, by their first discoverer, *Ferdinand Magellan*, in consequence of the natives pilfering some of his goods, when, in the year 1520, he touched at *Guam*, one of the most southerly of those islands, for water and fresh provisions. Along the track of the central eclipse, and for some distance on each side of it, the darkness will be such as to render the stars visible, which will be no small terror to those spectators who are unacquainted with the principles of astronomy. The conduct of the *Chinese*, &c. on these occasions is correctly described in the following lines:—

“ Thus, when the infant moon her circling sphere
 Wheels o'er the sun's broad disc, her shadow falls
 On earth's fair bosom ; darkness chills the fields,
 And dreary night invests the face of heaven,
 Reflected from the lake, full many a star
 Glimmers with feeble languor. *India's* sons,
 Affrighted, in wild tumult rend the air.
 Before his idol god, with barbarous shriek,

The *Brachman* falls; when soon the eye of day
 Darts his all-cheering radiance, from the gloom
 Emerging. Joy invades the wondering crowd,
 And acclamations rushing from the tongues
 Of thousands, that around their blazing pile
 Riot in antic dance and dissonant song."

The last portion of the moon's penumbra leaves the earth, and of course the eclipse terminates, at 9h. 59m. 12s. A. M. in lat. $5^{\circ} 17'$ N., and long. E. from Greenwich $128^{\circ} 31'$. The sun will be more or less eclipsed on the north limb in *Barbary, Arabia, Persia, Hindostan, &c.*; and on the south limb in *Denmark, Sweden, Norway, &c.*

4. On *Friday*, the 22d of *July*, in the morning, the Moon is again partially eclipsed; but the whole of this phenomenon will be invisible to us, and every part of *Great Britain*, in consequence of the moon being below the horizon. I find the moon will first touch the earth's umbra at 9h. 44m. 36s.: the middle of the eclipse will happen at 10h. 47m. 24s., when $5^{\circ} 27'$ will be obscured on the moon's southern limb; and the eclipse will end at 11h. 50m. 12s. At the middle of this eclipse the moon will be directly overhead in latitude $19^{\circ} 0' 44''$, and longitude $160^{\circ} 55' W.$ Hence the eclipse will be visible to the *Friendly, the Society, and Sandwich Isles*; to the western parts of *America*; and also to *Van Dieman's Land, New South Wales, New Hebrides, &c.*

5. The *fifth* and last eclipse of the current year is an annular one of the *SUN*, on *Saturday, December 31st*, in the evening and night, and will prove not only invisible to *England*, but also to the whole of *Europe* and *Africa*. This eclipse enters upon the earth at 9 min. past 4, in lat. S. 15° , and long. W. $158^{\circ} 4'$: the central and annular eclipse commences at 15 min. past 5, in lat. S. $18^{\circ} 17'$, and long. W. $175^{\circ} 54'$: the Sun will be centrally and annularly eclipsed at noon-day at 1 min. past 7, in lat. S. $35^{\circ} 18'$, and long. $104^{\circ} 21' W.$, in the great *South Pacific Ocean*. The central eclipse terminates at 55 min. past 8, in lat. N. $0^{\circ} 5'$, and long. W. $42^{\circ} 55'$; and the moon's penumbra quits the earth, and of course the eclipse ends at 59 min. past 9, in lat. N. $5^{\circ} 22'$, and long. W. $60^{\circ} 17'$. This eclipse will be seen at *New Zealand, &c.*; and after traversing across the wide ocean, will enter on the western shores of *South America*, to the whole of which the sun will appear more or less eclipsed.

LUNAR OCCULTATIONS.

The Moon, owing to the short periods of her orbital revolutions, with the constant retrogression of her nodes, will necessarily occult many of the stars in the course of the present year; but, in

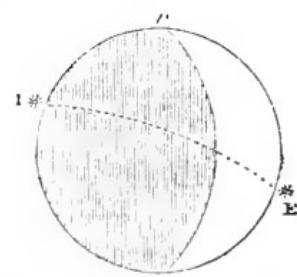
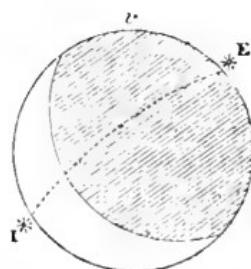
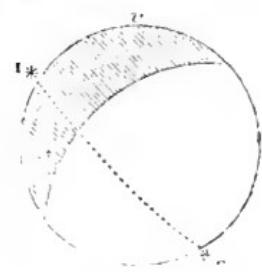
looking over the list of these, I find only *three*, which I consider of any particular importance to my readers.

The first occultation is of *Eta Tauri*, a star of the third magnitude, and one of the brightest of the *Seven Stars*, and will take place on the 22d of *January*, in the morning. The immersion will be at 1h. 58m., and the emersion at 2h. 51m.; the star disappearing at I, and reappearing at E, according to the annexed type.

NOTE.—During the same morning the moon will eclipse *b, c, d, h*, and *f, Pleiadum*, stars of about the fifth magnitude.

The next occultation worthy of notice is of *Delta Geminorum*, on the 1st of *September*, in the morning, when the star will immerge at I, at 2h. 57m., and will emerge at E, at 5h. 56m., according to the accompanying figure.

On the 7th of *November*, the Moon will occult the beautiful planet *Jupiter*; and though the phenomenon happens in the day-time, yet I think the planet may be seen by the naked eye, the moon being a good guide for finding it. *Jupiter* will immerge behind the dark limb of the moon, at 67° to the left of her vertex, and will emerge from the bright limb, at 106° to the right of the moon's uppermost point: the former takes place at 56 minutes past 5, and the latter at 59 min. past 4 o'clock in the afternoon, mean time.



CELESTIAL PHENOMENA.

The Times when the Planets are in the most favourable Positions for Telescopic Observation; together with other interesting Particulars pointed out relative to these Celestial Bodies.

☿. The planet MERCURY, in consequence of his nearness to the Sun, is not often to be seen: the most favourable times for observing him, this year, will be in the evenings, about the 15th of February and the 11th of June; and in the mornings, about the 29th of July, and the 17th of November. The mean motion of Mercury in his orbit is about 50 English miles per second of time.

♀. VENUS, the most brilliant star in the heavens, comes to a ♂ with the Sun on the 5th of March; attains her greatest eastern elongation on the 8th of October, and arrives at her in-

ferior ♂ on the 19th of *December*. This planet will not be a very striking object this year: the best time for observing her will be in the evenings of *November*, and the early part of *December*, when, through a proper telescope, she will appear a beautiful crescent, like the moon when two or three days old. The mean motion of Venus is 25 miles per second.

♂. MARS will not be in ♂ to the Sun during this year, and on that account less favourable for observation. He will be seen in the evenings of *January*, *February*, *March*, and *April*: and in the mornings of *September*, *October*, *November*, and *December*. On the 16th of *September* he will be in ♂ with *Regulus*. Mars moves in his orbit at the rate of 15 miles per second.

♀. The planet JUPITER will be in opposition to the Sun on the 10th of *July*. Hence, from the beginning of *June* to the middle of *November*, this noble planet and his four satellites may be frequently observed to advantage. The mean orbicular motion of Jupiter is about 8 miles per second.

♃. SATURN is visible in the evenings during the summer and the autumnal months, and appears but a few degrees to the west from Jupiter; during which period his fine ring will be an interesting object to the telescopic observer. His mean motion in his orbit is 6 miles per second.

METEOROLOGICAL OBSERVATIONS, ETC.

Relating to the Year 1840; with some Remarks on the BAROMETER, THERMOMETER, ETC.

COURTEOUS READER,

Most people feel interested in the various changes of the atmosphere, especially the farmer and husbandman: it is, moreover, well known that, after the usual salutation with a friend or acquaintance, the weather is generally the next topic of conversation. Since, then, it appears that this daily phenomenon enters into the feelings or pursuits of most people, I shall, without further preface, give a short meteorological review relative to the year 1840. JANUARY commenced with a very high temperature for the season. from the 5th to the 14th some sharp frosts; afterwards often rainy and warm, with strong gales from the S.W. FEBRUARY came in with wind and rain; the easterly winds set in on the 17th, bringing dry frosty weather, which continued through the month, and the barometer during that period always stood above 50 inches. MARCH was dry, clear, and frosty: from the 25d to the 27th, in the neighbourhood of *London*, we had squally weather, with frequent showers of snow. APRIL was bright and clear; hoar frosts frequently occurred in the mornings, but the days were warm and pleasant: during the last week, the thermometer frequently rose above 70°; on the 26th it reached 74°.

MAY and JUNE were often showery and cold : on the 20th of the former month, a hoar frost at sun-rise. JULY was cold for the season : the chilling westerly winds shrivelled up the leaves of the trees in many places, and thereby greatly marred the summer scene : the thermometer at Greenwich on the morning of the 14th was down at 45° . AUGUST, upon the whole, was warm and pleasant, and suited the harvest in the southern parts of our island. SEPTEMBER was very cold, and often showery : early on the 18th the grass was whitened with frost. OCTOBER was unusually cold : the first part was dry, the latter often showery. NOVEMBER was mild and wet : the 26th, 27th, 28th, and 29th, however, were very frosty, and frequently attended with foggy weather. DECEMBER was exceedingly cold, especially the latter half : much snow on the 16th and 17th, which remained on the ground under a severe frosty atmosphere until the 30th, and great quantities of ice accumulated in the *Thames*. The weather, though very severe in *Germany* and *France*, and the south of *England*, was comparatively mild in the north, and in *Scotland* : and it is remarkable that, while the mean temperature of this month at Greenwich was scarcely 52° , it was full 39° at Aberdeen.

Judicium Astrologicum, pro Anno 1842.

*VOX CÆLORUM, VOX DEI: The Voice of the Heavens
is the Voice of God. He speaketh in all the Changes of the
Seasons and of the Times.*

COURTEOUS READER.

So manifest are the Divine power and wisdom in the material world, that the most uninformed of our species must admit the positive existence of God, the Creator and Governor of all things. His footsteps may be traced in all the ample fields of nature; and the effects of his wonder-working hand may be seen in every leaf of the forest, or grain of sand on the pebbly shore. No wonder then that the magnificent concave, the starry heavens, should have, in all ages of the world, arrested the attention of man, and have led him directly to the GREAT FIRST CAUSE.

“ Who turns his eye on nature’s midnight face,
But must enquire — what hand behind the scene,
What arm almighty, put these wheeling globes
In motion, and wound up this vast machine?
Who rounded in his palm these spacious orbs ?
Who bowl’d them flaming through the dark profound,
And set the bosom of old Night on fire,
Peopled her desert, and made horror smile?
Nature’s Controller, Author, Guide, and End ! ”

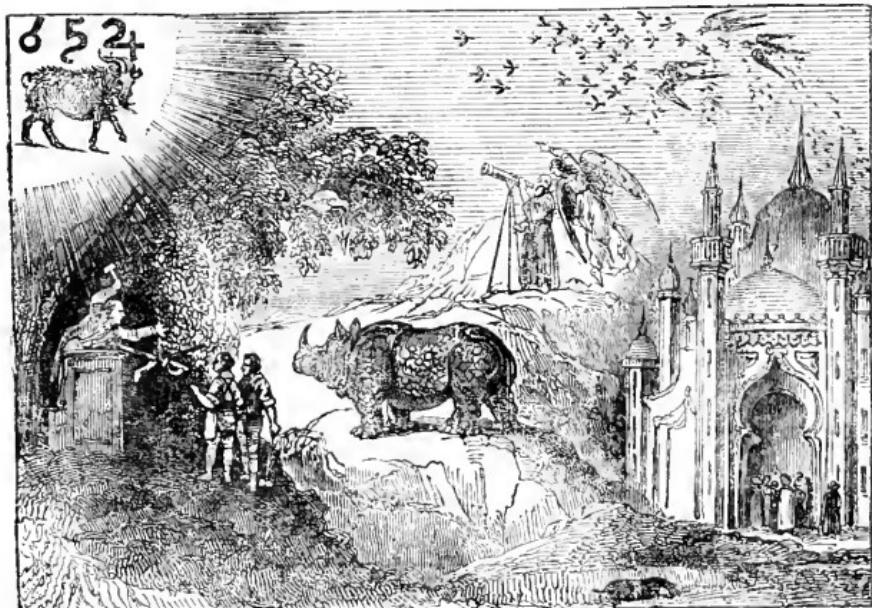
When we consult the pages of Sacred Writ, we are informed that

the orbs above have influence on things beneath; that they were designed to be *for signs, and for seasons, and for days, and for years.* We also read of *Mazzaroth* in his season,—of the bands of *Orion*, and the sweet influence of *Pleiades*;—and also of the stars in their courses fighting against *Sisera*. The Psalmist tells us that the Almighty appointed the moon for seasons, &c.; and we know by experience, that Night's fair Queen exercises her powerful sway over the ocean's wide domains:—

“ And with song
Unceasing woos the waters as she goes,
That, like a faithful lover, follow on
To catch the smiling aspect of her eye.”

If such be the attraction of the lunar orb on the mighty deep, the air must also be under its influence, and all organized bodies connected with the atmosphere. Observation has shown that when the planet *Saturn* passes out of one sign into another, that the weather is more or less turbulent and unsettled. But it is not the weather only, nor the inanimate part of creation alone, that is affected by the influences of the sun, moon, and planets; for we find they operate upon the human species, and upon all animate nature, in every part of the globe: therefore, *There is no speech nor language where their voice is not heard,—their line is gone through all the earth, and their words to the end of the world.* My limits forbid further observations of this kind: let me then call your attention to the Hieroglyphic, and request you to look out for time to unravel its interpretation.

THE HIEROGLYPHIC.



ASTROLOGICAL PREDICTIONS.

An Astrological Judgment of the Four Quarters of the Year 1842.

Of the WINTER QUARTER, called the Brumal Ingress.

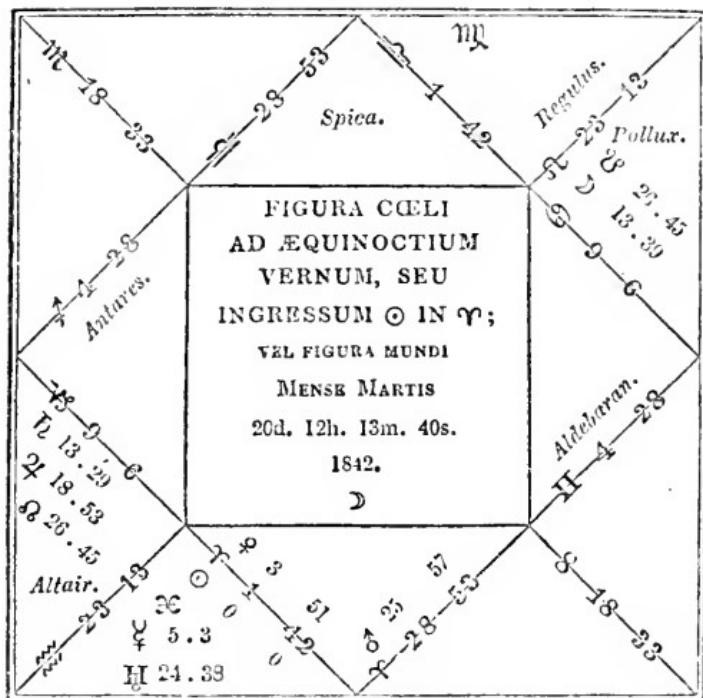
THIS frigid quarter of the year, so trying to the invalid, the aged, and the destitute, begins on *Tuesday* the 21st of *December*, 1841, at 10h. 56m. P.M., when 19° of $\text{M}\varphi$ will be on the ascendant, and 16° of J on the *Imum Cæli*, or fourth mundane angle of heaven. Again, at this ingress S and V occupy the third house; \odot , U , and L , the fourth; G the fifth, and H and D the seventh. Just before the commencement of this quarter, the great, benevolent, and fortunate planet U passed into V° , the night-house of L , where, with that direful planet, he is in G , on the 26th of *January*, the effects of which will be powerfully felt before the termination of this quarter; when contentions of various kinds will be experienced, not only in *Europe*, but also in other parts of the world. *France*, *Italy* and *Greece*, are uneasy. *Turkey* is in a tottering condition, notwithstanding all our exertions to prop up that falling despot, whose power before long must crumble, or fall to pieces like a rope of sand. In fact, the fate of *Turkey* is already sealed; for there are elements in that country, which are likely to work some important changes in its civil institutions, much to the advantage of the people at large.

Of the VERNAL, or SPRING Quarter of 1842.

Stern Winter's sky no more with tempest lowers,
To Arctic climes rough Boreas steals away;
And vernal breezes, with refreshing showers,
Are now companions of the lengthen'd day.
The modest snowdrop, harbinger of Spring,
Now greets the eye with robes of virgin white;
With joyful notes the birds begin to sing,
At peep of dawn, to hail the new-born light:
Pleas'd with young life, the sportive lambs are seen
Striving in mimie race with guileless mirth;
Kind Nature now prepares her garb of green,
To clothe her flowrets teeming into birth:
At this sweet season let not man be sad,
When bounteous Heaven makes all around him glad.

THIS interesting quarter of the year commences on *Monday*, the 21st of *March*, at 0h. 13m. 40s. in the morning, at which time the signs and planetary bodies will be found to agree with the following mundane scheme of the heavens:—

SCHEMA CÆLI.



In this radix of the year, the reader will see that the ☽ alone is above the horizon, near the cusp of the eighth house, and that all the erratics are below the same; it is also found, by an investigation of their configurations, that they will at this ingress form the following zodiacal aspects, viz. ☽☽ h, ☽☽ ፻, and the ☽ approaching to a ☐ with ☽. These are certainly ominous positions, and on that account we may expect to hear of wars and bickerings amongst states and neighbouring nations: nevertheless, it is to be hoped that the prudence of our ministers will prevent our being drawn into the vortex of contention and strife, at the present critical state of affairs in *Europe*, and some other parts of the world. The system of *Louis Phillippe* seems now wound up to its utmost stretch; and, therefore, some great change may shortly be experienced in *France*, much to the dismay of many crowned heads and regal despots. A convulsion in that country, at the present time, might shake thrones, and topple their occupants to the earth; consequently, every political movement there is watched with the greatest anxiety by those in power. In spite of *John Bull*, and the *Holy Alliance*, *France* will again astonish the world by its prowess in arms, and the celerity of its movements. All is not right in *Spain*, *Italy*, and other places which I could name, that are sighing for a more liberal form of government.

Of the ESTIVAL, or SUMMER Quarter.

It appears, from the result of careful calculation, that this quarter will begin on *Tuesday, June 21st*, at 9h. 22m. in the afternoon; at which time also 18° of $\gamma\delta$ will be on the ascendant, and 25° of π on the mid-heaven. It may, however, be further remarked, that γ is located in the 1st house, H in the 2d, δ and the \odot in the 6th, φ and \wp in the 7th, the D in the 11th, and h in the 12th. From the whole I infer that this will, most likely, be a quarter in which many deliberate councils and sober consultations will be held, concerning the affairs of nations, such as relate to laws, customs, religion, &c. Also new plans will be proposed for carrying on philosophical experiments, both at home, and abroad:—*many shall run to and fro, and knowledge shall be increased.* Some important discoveries will, at this time, be made in Meteorology; a useful, but long neglected, science, through which the farmer and grazier especially will be benefited. The *Northern Bear* growls, and wishes to set his foot upon the *British* possessions in *India*; but will he not repent the attempt? He has already a region too large wherein to range—how irrational to covet more! *Jonathan*, on the other side of the water, seems inclined to show hostilities to *John Bull*, who must induce him to manifest a better spirit, without the aid of warlike instruments. I hope the new President will act with prudence and wisdom. The planets promise something good for our nation towards the end of this quarter:—may it all be realized!

Of the AUTUMN Quarter.

This quarter is known to commence at the time of the *Sun's* entrance in the sign *Libra*; which, this year, will be on *Friday, the 25d of September*, at 26 min. past 11, in the forenoon; when 29° of π will be on the ascendant, and 25° of \wp on the southern angle. From the planetary positions at the ingress of this quarter, I infer that it will be a period of great excitement, both in our own, and other countries, arising from the combination of good and evil, each operating with considerable power. Many things will turn up, which will lead the thoughtful mind to serious reflection. One man meets with another of his own species, and for the purpose of robbing him of a trifle of money, kills him on the highway! Another man, *clad with the robes of royalty*, rigs out a fleet of ships, furnished with instruments of destruction to take life in the wholesale way, for no other motive than to add to his own possessions, or to gratify some whim, fanned up by ambition or pride! The former is called, and that justly, *a murderer*; but the latter is styled *brave, noble, or great*; and the laurels of fame are to be placed on his brows, to exhibit his *glorious achievements*! The philosopher, musing

upon these strange things with wonder and grief, and, perhaps, while he is directing his telescope, on one of these fine autumnal evenings, to view the rolling orbs of heaven, among the rest, the splendid planet Jupiter, he feels as though he should like to visit that remote globe, to ask the inhabitants these questions :—

“ Sit all your executioners on thrones ?
With you can rage for plunder make a god,
And bloodshed wash out every other stain ? ”

Gentle Reader ! — Would they not ask him if he were mad, or beside himself, that he should propound such extraordinary questions, not knowing that our world is the “ *bedlam of the universe?* ” But a period is approaching, when wars, and rumours of wars, according to the predictions of Holy Writ, shall no more arrest the sickening ear ; when man meeting with his fellow man, though in the wilds of *Africa*, shall salute him as a brother. *In that day they shall beat their swords into ploughshares, and their spears into pruning-hooks : nation shall not lift up sword against nation, neither shall they learn war any more*, Micah, iv. 3. But that period is yet at a distance. The night of superstition, bigotry, &c., must first be dispersed by the light of knowledge and the beams of the Sun of Righteousness. During *our* day, however, conflicts, oppressions, wars, and calamities will exist ; yet, notwithstanding the toils of our present terrene abode, there is another and a better world, to which we may all be admitted, *if we will* : therefore, I conclude my Almanack for this year with the same words I did the one for 1817. Let us —

“ Secure an interest in the other world,
And let this as it may be toss'd and hurl'd ;
He's great and rich enough, who well doth die,
And can with joy expect eternity :
This, Reader, is the best news I can tell,
Think on't, and practise it, and so farewell.”

F I N I S.

OR, A LOYAL

FOR THE YEAR OF HUMAN REDEMPTION

BEING THE THIRD AFTER BISSEXTILE; AND THE SEVENTH
OF THE REIGN OF HER PRESENT MAJESTY:

CONTAINING,

AMONGST A GREAT VARIETY OF USEFUL MATTER,

THE EQUATION OF TIME FOR SETTING CLOCKS AND WATCHES; THE RISING
AND SETTING OF THE PLANETS; OCCULTATIONS; MUTUAL ASPECTS, ETC.

A Correct Tide Table;

A TABLE OF KINGS' AND QUEENS' REIGNS;

WITH ASTROLOGICAL OBSERVATIONS ON THE FOUR QUARTERS
OF THE YEAR; AND
A HIEROGLYPHIC ADAPTED TO THE TIMES.



LONDON:

By J. L. COX & SONS, 75, Great Queen Street, Lincoln's-Inn Fields;
AND SOLD BY GEORGE GREENHILL, AT THEIR HALL,
LUDGATE STREET.

PRICE SIXPENCE, STITCHED.

URANIA fair!—that tun'st the heavenly lyre,
 Illume my mind—my drooping muse inspire,
 To sing of those events that will appear
 Within the revolution of this year,
 Mark'd out by *Terra*, as she winds her way
 In space, around the central orb of day.

M	W	⊕	D's	D rises
D	D	⊗	A & sets.	
1		o		
2 M		10 hams	1 4 a 52	Cutting
3 Tu	h rises 8	12 legs	2 6 5	cold winds,
4 W	21 mo. 13	and	3 7 18 6 ♀ h	
5 Th	26 aft.	14 ancles	4 8 27	bringing
6 F		15 feet	5 9 36	frost and
7 S		12th Day 16 toes	6 10 44	snow.
8	[cian	17 head	7 11 51 6 ⊖ h	
9 M	<i>Plough Monday</i>	Lu- 18 and	8 morn. ♀ sta.; * ♀ H	
10 Tu		19 face	9 1 0	Frosty, with
11 W	<i>Hilary Term beg.</i>	20 neck	10 2 10	showers of
12 Th		21 throat	11 3 20	snow.
13 F	<i>Hil. Cam. T. beg.</i>	22 arms	12 4 29 6 ♀ 2	
14 S	<i>Oxf. Term beg.</i>	23 and	13 5 35	Windy, with
15		24 should.	14 6 31 ♀ in perihelion.	
16 M		25 breast	15 7 17 *	⊖ H
17 Tu	g rises 2	26 stom.	F rises	thaw, and
18 W	3 mo. 27	heart	17 6 a 18	perhaps
19 Th		28 back	18 7 44	rain.
20 F	<i>Fabian</i>	29 bowels	19 9 9 □ ♀ 3	
21 S	<i>Agnes</i>	30 belly	20 10 34	Air now again
22		1 reins	21 11 59	sharp: hoar
23 M	[<i>Vincent</i>	2 loins	22 morn.	frost spangling.
24 Tu	g rises 4	3 Scorpio	23 1 22 ♀ greatest	bril-
25 W	53 mo. 4	4 domin.	24 2 42	liancy
26 Th		5 hips	25 3 58 6 ⊖ 2	
27 F		6 thighs	26 5 4	Somewhat
28 S	g sets 6	7 knees	27 5 56 □ ♀ H	mild
29	19 aft.	8 and	28 6 37 *	♀ ♀ for
30 M		9 hams	29 7 7 ♀ in ♀	
31 Tu	<i>Hil. T. e.</i>	10 legs	N sets	⊖ elong. max.
		11 ancles	1 6 a 12	the season.

Mean obliquity of Ecliptic, Jan. 1st, $23^{\circ} 27' 35''$.
 Jan. 2nd, 1st of Sebat.

The 1 day, at 6^h 43^m morn. Saturn
 The 2 day, at 7 47 morn. Jupiter
 The 23 day, at 10 44 aftern. Mars
 The 26 day, at 11 8 aftern. Venus
 The 28 day, at 8 6 aftern. Saturn
 The 30 day, at 4 2 morn. Jupiter

} is in
ecliptic
conjunction
with the
Moon.

M		Moon	
D		South	
A	8	53 55	0 a 41
28	43 56	1 31	<i>THE depth of Rain in Jan. 1841, at Aberdeen, was 2'301 inches; Empingham, 2'050; Epping, 2'353; Falmouth, 3'539; Greenwich, 2'981; and Thwaite, 0'71. On the morning of the 3d, London and various other places were visited with a severe thunder storm, very unusual in January.</i>
38	33 57	2 17	
48	33 57	3 0	
58	23 58	3 41	
68	13 59	4 22	
78	04 0	5 2	
A	8 04 0	5 43	
97	59 4	1 6 26	PLUVIAL ANTICIPATIONS.
107	58 4	2 7 13	JUDGING from the planetary positions
117	57 4	3 8 3	and configurations, but more especially from those of the Sun and Moon,
127	56 4	4 8 56	we may expect rain or snow, more or less, on or about the 3d, 8th, 12th,
137	55 4	5 9 53	16th, 19th, and 30th days of this
147	54 4	6 10 51	
A	7 52 4	8 11 49	
167	51 4	9 morn.	
177	50 4	10 0 46	month. If, on rapping a common barometer, the index or quicksilver starts
187	49 4	11 1 40	a considerable space either way, it
197	47 4	13 2 32	shews the weather to be in an unsettled state.
207	46 4	14 3 23	
217	45 4	15 4 14	
A	7 44 4	16 5 5	
237	42 4	18 5 58	
247	40 4	20 6 52	THIS year I again present my readers
257	39 4	21 7 48	with the monthly depth of Rain, as
267	37 4	23 8 45	taken at or near the surface of the
277	35 4	25 9 40	ground, in 1841, at Aberdeen, Scotland; Empingham, Rutlandshire; Epping, Essex; Falmouth, Cornwall;
287	34 4	26 10 34	
A	7 32 4	28 11 24	
307	31 4	29 0 a 11	
317	29 4	31 0 55	Greenwich, Kent; and Thwaite, Suffolk.

⊕ in apogee 7th day; perigee, 18th day.

⊕'s semidiam. 1st day 16' 17"; 11th, 16' 17"; 21st, 16' 16".

O SAY, *Urania*, from thy golden car,
 When—when shall terminate yon Eastern War?
 When shall hostilities in China cease,
 And on her turrets wave the flags of peace?
 Oh, when shall India's smiling plains no more
 Become vast deserts drench'd with human gore?

M W		⊕	D's D rises	
D D		⊖	A & sets.	
1 W		12 feet	2 7 a 21	* ♂ ♀ Rough
2 Th		13 and	3 8 29	♀ per. winds,
3 F	Blaise	14 toes	4 9 36	bringing rain
4 S		15 head	5 10 44	or snow.
5		16 face	6 11 52	♀ stat.; * ♀ ♀
6 M	[Agatha	17 neck	7 morn.	
7 Tu	h rises	6 16 mo. 18 and	8 1 1	Fair in gene-
8 W	♀ rises	7 8 mo. 19 throat	9 2 10	ral, with a
9 Th		20 arms	10 3 16	serene at-
10 F		21 should.	11 4 16	mosphere.
11 S		22 breast	12 5 6	
12		23 stom.	13 5 46	Dry weather
13 M		24 heart	14 6 18	continues.
14 Tu	Valentine. Old	25 back	F rises	♂ inf. ♀ ⊕; △
15 W	[Cand.D.	26 bowels	16 6 a 41	[♂ H, □ ♀ ♂
16 Th	♂ rises	1 34 mo. 27 belly	17 8 8	□ ⊕ ♂
17 F	♀ rises	4 42 mo. 28 reins	18 9 35	Mild consi-
18 S	♀ rises	6 31 mo. 29 loins	19 11 3	dering the
19		Scorpio	20 morn.	season.
20 M		1 domin.	21 0 27	
21 Tu	h rises	2 hips	22 1 46	
22 W	♀ rises	3 and	23 2 56	Now squally,
23 Th	♂ rises	1 25 mo. 4 thighs	24 3 53	with snow
24 F		knees	25 4 37	storms; after
25 S		6 hams	26 5 10	which showers
26		7 legs	27 5 35	♀ stationary.
27 M	♀ rises	4 41 mo. 8 ankles	28 5 56	of rain. [max.
28 Tu		9 feet	29 6 13	♂ ♀ h; ♀ elon.

JUPITER, ♃, will be an *Evening Star* until Jan. 25th; then a *Morning Star* until Aug. 16th; and an *Evening Star* for the remainder of the year.

Moon's ascending node, Jan. 1st, $11^{\circ} 29' 34''$; Dec. 31st, $22^{\circ} 4' 18''$.
 Feb. 1st, 1st of Adar.

The 1 day, at 2^h 52^m morn. Mercury
 The 21 day, at 6 25 morn. Mars
 The 25 day, at 1 53 morn. Venus
 The 25 day, at 7 31 morn. Saturn
 The 26 day, at 11 0 aftern. Jupiter
 The 27 day, at 7 22 morn. Mercury } is in
 ecliptic conjunction
 with the Moon.

M			Moon	
D			South.	
1	7	28	4 32	1 a 37
2	7	26	4 34	2 18
3	7	24	4 36	2 58
4	7	22	4 38	3 39
A	7	20	4 40	4 21
6	7	19	4 41	5 5
7	7	17	4 43	5 53
8	7	15	4 45	6 43
9	7	14	4 46	7 37
10	7	12	4 48	8 33
11	7	10	4 50	9 31
A	7	8	4 52	10 28
13	7	6	4 54	11 24
14	7	5	4 55	morn.
15	7	3	4 57	0 19
16	7	1	4 59	1 12
17	6	59	5 1	2 4
18	6	57	5 3	2 57
A	6	55	5 5	3 51
20	6	53	5 7	4 47
21	6	51	5 9	5 43
22	6	49	5 11	6 40
23	6	47	5 13	7 36
24	6	45	5 15	8 30
25	6	43	5 17	9 21
A	6	41	5 19	10 8
27	6	39	5 21	10 53
28	6	37	5 23	11 35

The depth of Rain in Feb. 1841, at Aberdeen, was 2'949 inches; Empingham, 1'060; Epping, 1'245; Falmouth, 3'953; Greenwich, 0'979; and Thwaite, 0'95. Much ice in the Thames was noticed on the 9th and 10th days of this month.

Rain or snow may be expected about the 2nd, 5th, 11th, 21st, and 26th days of this month, the day before or the day after.

Astrological Observations and Predictions relating to Mundane Affairs.

COURTEOUS READER.—We have now arrived at the year 1843, and from an antecedental examination of the planetary positions and configurations of this period, I am bold to say, or induced to believe, that we shall behold many important events both of a public and private nature, that will astonish many, and which it is to be hoped

VENUS, ♀, will be a Morning Star until September 30th; then an Evening Star for the remainder of the year.

☿ in apogee, 3d day; perigee, 16th day.

⊕'s semidiam. 1st day, 16° 15''; 11th, 16° 13''; 21st, 16° 11''.

THE Sun the seasons of the year supplies,
And bids the evening and the morning rise;
Commands the planets with superior force,
And keeps each orb to his appointed course;
The silver Moon o'er briny seas presides,
And in the atmosphere produces tides.

M	W		\odot	D's	D rises	
D	D		X	A & sets.		
1 W			o		h. m.	
2 Th	<i>Chad</i>	[<i>David</i>]	10 and 11 toes	N sets	Blustering	
3 F	h rises	4 50 mo.	12 head	1 7 a 25	weather, in	
4 S			13 face	2 8 32	character	
5			14 neck	3 9 40	with <i>March.</i>	
6 M			15 and	4 10 48	* ♀ H	
7 Tu	<i>Perpetua</i>		16 throat	5 11 56	Northerly	
8 W			17 arms	6 morn.	winds, bringing	
9 Th			18 should.	7 1 2	♀ in ♀	
10 F	♀ rises	5 26 mo.	19 breast	8 2 2	frost and	
11 S	♂ rises	1 2 mo.	20 and	9 2 55	snow.	
12			21 stom.	10 3 39	Mild · perhaps	
13 M		[<i>Gregory</i>]	22 heart	11 4 13		
14 Tu	♀ rises	4 36 mo	23 back	12 4 42	♀ elong. max.	
15 W	♂ rises	5 35 mo.	24 bowels	13 5 5	* ⊖ h	
16 Th			25 belly	14 5 26	rain at times.	
17 F	<i>St. Patrick</i>		26 reins	F rises		
18 S	<i>Edw. K.W. Sax.</i>		27 loins	16 8 a 32	* ♀ ♂	
19			28 Scorpio	17 10 1		
20 M			29 domin.	18 11 26	♂ ⊖ H	
21 Tu	<i>Benedict</i>		30 hips	19 morn.	Days often	
22 W	h rises	3 40 mo.	1 thighs	20 0 41	bright: slight	
23 Th	♀ rises	4 41 mo.	2 knees	21 1 45	frosts in the	
24 F			3 hams	22 2 33	nights.	
25 S			4 legs	23 3 12	Showers of	
26			5 and	24 3 39		
27 M			6 ankles	25 4 1	rain and hail,	
28 Tu	♂ rises	0 32 mo.	7 feet	26 4 19	ind perhaps	
29 W	♀ rises	4 24 mo.	8 toes	27 4 36	peals of thun-	
30 Th	♂ rises	5 20 mo.	9 head	28 4 50	der.	
31 F			10 and	N sets		
				1 7 a 29		

March 3rd, 1st of Veadar; March 15th, 13th of Veadar, Fast of Esther;
March 16th, 14th of Veadar, Purim; March 17th, 2nd day.

The 21 day, at 11^h 23^m morn. Mars
 The 24 day, at 5 19 aftern. Saturn
 The 26 day, at 4 20 aftern. Jupiter
 The 26 day, at 9 15 aftern. Venus
 The 28 day, at 8 36 aftern. Mercury } is in
 conjunction with the Moon.

M			Moon	
D			South.	
1	6	36	5	24
2	6	34	5	26
3	6	32	5	28
4	6	30	5	30
A	6	28	5	32
6	6	26	5	34
7	6	24	5	36
8	6	22	5	38
9	6	20	5	40
10	6	18	5	42
11	6	16	5	44
A	6	14	5	46
13	6	12	5	48
14	6	10	5	50
15	6	8	5	52
16	6	6	5	54
17	6	4	5	56
18	6	2	5	58
A	6	0	0	2
20	5	58	6	2
21	5	56	6	4
22	5	54	6	5
23	5	52	6	8
24	5	50	6	10
25	5	48	6	12
A	5	46	6	14
27	5	44	6	16
28	5	42	6	18
29	5	40	6	20
30	5	38	6	22
31	5	36	6	24
				0 a 18

withstanding

in apogee, 3rd day; perigee, 16th day; apogee, 30th day.

⊕'s semidiam. 1st day, 16° 9"; 11th, 16° 7"; 21st, 16° 4".

SATURN's cold rays in icy climes prevail;
 Mars rules the winds, the storm, and rattling hail;
 Where Jove ascends, the skies are still serene;
 And fruitful Venus is the genial queen,
 Where every limpid spring and falling stream
 Submits to radiant *Hermes'* reigning beam.

M	W	\odot	D's	rises	
D	D	γ	A	& sets.	
1	S	11 face	2	8 a 37	Mostly fair
2		12 neck	3	9 44	φ in ϑ
3	M Rich. Bp. Chich.	13 throat	4	10 52	and sunny.
4	Tu ϑ rises 2 52 mo.	14 arms	5	11 53	* ϑ ϑ
5	W [St. Ambrose	15 and	6	morn.	
6	Th Old Lady Day	16 should.	7	0 48	Now expect
7	F Camb. Term ends	17 breast	8	1 33	δ ϑ H
8	S Oxf. Term ends	18 stom.	9	2 10	Δ \odot δ
9		19 heart	10	2 41	some cold
10	M ϑ rises 3 38 mo.	20 back	11	3 5	dry easterly
11	Tu δ rises 11 56 aft.	21 bowels	12	3 26	* \odot ϑ
12	W	22 belly	13	3 47	winds.
13	Th Maundy Thursd.	23 reins	14	4 6	
14	F	24 loins	F	rises	Some gloomy
15	S Easter Term beg.	25 Scorpio	16	8 a 54	unkindly
16		26 domin.	17	10 18	\square \odot ϑ ; δ in ϑ
17	M	27 hips	18	11 28	weather.
18	Tu	28 thighs	19	morn.	Δ ϑ δ
19	W Alphege	29 knees	20	0 25	* ϑ ϑ
20	Th	8 hams	21	1 8	\square ϑ ϑ
21	F ϑ rises 3 51 mo.	1 legs	22	1 41	
22	S [St. Geo.	2 and	23	2 5	\square ϑ δ
23		3 ancles	24	2 25	Rainy for the
24	M ϑ rises 4 50 mo.	4 feet	25	2 41	most part.
25	Tu	toes	26	2 57	δ sup. ϑ \odot
26	W Oxf. & Camb. T.b.	6 head	27	3 12	* ϑ ϑ
27	Th	7 and	28	3 27	ϑ in ϑ
28	F	8 face	29	3 45	Cold and dry.
29	S	9 neck	N	sets	
30		9 throat	1	8 a 43	δ ϑ H Fine.

April 1st, 1st of Nisan; April 15th, 15th of Nisan, Passover;
 April 16th, 2nd day.

The 18 day, at 10^h 20^m morn. Mars
 The 20 day, at 2 42 morn. Saturn
 The 23 day, at 8 11 morn. Jupiter
 The 26 day, at 0 40 morn. Venus
 The 30 day, at 5 23 morn. Mercury } is in
 ecliptic conjunction with the Moon.

M			Moon	
D			South.	
	h.	m.	h.	m.
1 5	34	6	26	1 a 0
A 5	32	6	28	1 45
3 5	30	6	30	2 33
4 5	28	6	32	3 23
5 5	26	6	34	4 15
6 5	24	6	36	5 8
7 5	22	6	38	6 2
8 5	21	6	39	6 55
A 5	19	6	41	7 48
10 5	17	6	43	8 40
11 5	15	6	45	9 32
12 5	13	6	47	10 25
13 5	11	6	49	11 19
14 5	9	6	51	morn.
15 5	7	6	53	0 16
A 5	5	6	55	1 15
17 5	3	6	57	2 16
18 5	1	6	59	3 16
19 5	0	7	0	4 15
20 4	58	7	2	5 10
21 4	56	7	4	6 2
22 4	54	7	6	6 49
A 4	52	7	8	7 33
24 4	50	7	10	8 15
25 4	49	7	11	8 55
26 4	47	7	13	9 36
27 4	45	7	15	10 16
28 4	43	7	17	10 59
29 4	41	7	19	11 43
A 4	39	7	21	0 a 30

But were we ever so mortified and beaten before? Will the pages of history supply a parallel case? And when did this happen? Near the time of the ☽ of ♀ with the malevolent planet ♂, in ♈, the sign that governs, astrologically speaking, the

vast

☽ in perigee, 13th day; apogee, 26th day.

◎'s semidiam. 1st day, 16° 1''; 11th, 15° 58''; 21st, 15° 56''.

SEE! changeful April, that on zephyr's wing,
 Sometimes in all the beauties of the Spring,
 Rode out in loveliness,—when, from afar,
 Oft beckon'd Winter back in snow-clad car,—
 Retires, and leaves our Isle to charming May,
 That seldom does such fickleness display.

M	W		⊕	D's	D rises	
D	D		8	A & sets		
1	M		o	2	9 a 47	♀ in perihelion.
2	Tu		11	and	3 10 44	Pleasant.
3	W	<i>Inv. of the Cross</i>	12	should.	4 11 32	♂ stationary.
4	Th	ἡ rises 0 56 mo.	13	breast	5 morn. □ ♀ 24	
5	F		14	stom.	6 0 11	△ ♀ ḥ
6	S	<i>Jno. Ev. à P. Lat.</i>	15	heart	7 0 42	ἥ stat.; ♀ aphel.
7			16	back	8 1 7 *	♀ H
8	M		17	bowels	9 1 29	Frequent
9	Tu	♀ rises 1 53 mo.	18	belly	10 1 50	showers,
10	W		19	reins	11 2 9	with thun-
11	Th	<i>Easter Term ends</i>	20	loins	12 2 29	der in some
12	F		21	Scorpio	13 2 53	places.
13	S	<i>Old May Day</i>	22	domin.	F	rises
14			23	hips	15 9 a 4	Fine spring
15	M		24	and	16 10 11	weather for a
16	Tu	♂ rises 9 57 aft.	25	thighs	17 11 1	few days.
17	W	♀ rises 3 5 mo.	26	knees	18 11 38	□ ⊙ 24; △ ⊙ ḥ
18	Th		27	hams	19 morn.	[△ ♀ ḥ
19	F	<i>Dunstan</i>	28	legs	20 0 7	♂ ♀ ♂
20	S		29	ancles	21 0 28	Now cold,
21			II	feet	22 0 46	□ ♀ ḥ
22	M		I	and	23 1 2 *	♀ 24
23	Tu	♀ sets 10 3 aft.	2	toes	24 1 17 *	⊙ H
24	W		3	head	25 1 34	♀ elong. max.
25	Th		T. T. beg.	26	1 50	with much
26	F	<i>Augustin 1st Abp. of Cant.</i>		27	2 9	△ ♀ 24
27	S	<i>Venerable Bede</i>	6	and	28 2 33	cloud; perhaps
28			6	throat	29 3 2	snow on the
29	M		7	arms	N sets	mountains of
30	Tu		8	should.	1 9 a 29	Cumberland,
31	W		9	breast	2 10 12	&c.

May 1st, 1st of Yiar; May 30th, 1st of Sivan.

The 15 day, at 9^h19^m aftern. Mars
 The 18 day, at 11 19 morn. Saturn
 The 20 day, at 9 54 aftern. Jupiter
 The 26 day, at 7 26 morn. Venus
 The 31 day, at 2 30 morn. Mercury } is in
 conjunction with the Moon.

M	D	Moon	
		South.	
14	37 7 23	1 a 20	<i>The depth of Rain in May 1841, at Aberdeen, was 1.499 inch; Epping-ham, 1.330; Epping, 1.593; Falmouth, 3.515; Greenwich, 1.812; and Thwaite, 1.45.</i>
24	36 7 24	2 12	
34	34 7 26	3 5	
44	33 7 27	3 58	
54	31 7 29	4 50	Rain on the 6th, 11th, 18th, and
64	29 7 31	5 42	25th. Hail on the last-mentioned day.
A 4	28 7 32	6 32	
84	26 7 34	7 22	
94	24 7 36	8 13	
104	23 7 37	9 4	vast regions of <i>India</i> . See my almanack for the last year. What induced
114	21 7 39	9 59	the Indians of <i>Affghanistan</i> to take
124	20 7 40	10 56	
134	18 7 42	11 56	
A 4	16 7 44	morn.	life in the wholesale way?—to pursue
154	14 7 46	0 57	us over mountain and dell—seize our
164	13 7 47	1 59	weapons of war—hunt us down like
174	11 7 49	2 57	wild beasts, and trample us to the
184	10 7 50	3 52	earth? Was it <i>real</i> malice on their
194	9 7 51	4 42	part, or did we provoke their untrou- tered minds by imprudently crossing
204	8 7 52	5 28	
A 4	6 7 54	6 11	
224	5 7 55	6 53	the <i>Indus</i> to attack the inoffensive in- habitants of this beautiful country, to
234	3 7 57	7 33	pillage their towns, and desolate their
244	2 7 58	8 14	rural districts? Our possessions in
254	1 7 59	8 56	that portion of the world are already
264	0 8 0	9 39	too large, and yet we covet more!
273	59 8	1 10 26	Where is Christianity in all this?
A 3	58 8	2 11 15	
293	57 8	3 0 a 6	
303	56 8	4 1 0	Are we, forsooth, to go again into
313	55 8	5 1 54	<i>India</i>

☽ in perigee, 12th day; apogee, 24th day.

⊕'s semidiam. 1st day, 15° 53''; 11th, 15° 51''; 21st, 15° 49''.

OUR minds to "meditations sweet" aspire,
 While lovely *June* appears in gay attire :
 Creation hymns the great Creator's praise,
 The warblers of the grove their sonnets raise
 While *Flora's* pencillings of richest dye,
 O'er hill and dell attract the wandering eye.

M	W		\odot	D's	D rises	
D	D		II	A	& sets.	
			o	h.	m.	
1 Th	<i>Nicomede</i>	10 stom.	3 10	a 46	Temperature	
2 F	h rises 10 57 aft.	11 heart	4 11	13	rising: grow-	
3 S	<i>Oxf. Term ends</i>	12 and	5 11	36	ing showers.	
4		13 back	6 11	54	♀ in ♀	
5 M		<i>Bonif.</i>	7	morn.		
6 Tu		15 belly	8	0	13 ♀ ⊖; ♀ stat.	
7 W		<i>Oxf. T.</i>	16 reins	9	0	33 Much sun,
8 Th		[beg.]	17 loins	10	0	55 and very
9 F	♀ rises 11 57 aft.	18 Scorpio	11	1	20 warm.	
10 S		19 domin.	12	1	52	
11		20 hips	13	2	34 Changeable	
12 M		21 thighs	F	rises	weather at the	
13 Tu	♂ sets 3 1 mo.	22 knees	15	9 a	33 full moon.	
14 W		23 hams	16	10	6 ♀ in aphelion.	
15 Th	<i>Corp. Christi. T.</i>	24 legs	17	10	30 Δ ♀ h	
16 F	[T. ends]	25 and	18	10	50	
17 S	<i>St. Alban</i>	26 ancles	19	11	7 □ ♀ ♀; h stat.	
18		27 feet	20	11	23 Δ ♀ ♀	
19 M		27 toes	21	11	39 ♂ inf. ♀ ⊖;	
20 Tu		28 head	22	11	55 [Δ ⊖ ♀	
21 W		Long.Day	23	morn.	* ♀ H	
22 Th		⊖ face	24	0	13 Some rain.	
23 F	♀ rises 2 15 mo.	1 neck	25	0	35	
24 S		<i>Mids. Day</i>	26	1	1 □ ⊖ H	
25		3 arms	27	1	35 Now dry and	
26 M		4 should.	28	2	20 pleasant.	
27 Tu		5 breast	N	sets	8 ♀ ♂; ⊖ ecl.	
28 W		6 and	1	8 a	48 [invis.	
29 Th		7 stem.	2	9	17 Thunder in	
30 F	♀ rises 3 14 mo.	8 heart	3	9	40 ♀ stationary. some places.	

June 4th, 6th of Sivan, Pentecost; June 5th, 2nd day
 June 29th, 1st of Tamuz.

The 11 day, at 6^h 52^m astern. Mars
 The 14 day, at 6 48 astern. Saturn
 The 17 day, at 8 32 morn. Jupiter
 The 25 day, at 2 13 astern. Venus
 The 26 day, at 9 26 astern. Mercury } is in
 } ecliptic
 } conjunction
 } with the
 } Moon.

M			Moon	
D			South.	
1	3	54	8	6
2	3	53	8	7
3	3	52	8	4
A	3	51	8	5
5	3	50	8	10
6	3	49	8	11
7	3	49	8	11
8	3	48	8	12
9	3	48	8	12
10	3	47	8	13
A	3	46	8	14
12	3	46	8	14 morn.
13	3	45	8	15
14	3	45	8	15
15	3	45	8	15
16	3	44	8	16
17	3	44	8	16
A	3	44	8	16
19	3	44	8	16
20	3	43	8	17
21	3	43	8	17
22	3	43	8	17
23	3	43	8	17
24	3	44	8	16
A	3	44	8	16
26	3	44	8	16
27	3	44	8	16
28	3	45	8	15
29	3	45	8	15
30	3	45	8	15
				is in ecliptic conjunction with the Moon.

The depth of Rain in June 1841, at Aberdeen, was 1.734 inch; Empingham, 3.070; Epping, 2.997; Falmouth, 2.513; Greenwich, 2.118; and Thwaite,

1.67.—Ice was seen on the 16th!

Rain, more or less, (and perhaps attended with thunder and lightning,) on or about the 4th, 10th, 14th, 19th, and 27th days of this month.

India with vast armies, to avenge what we call our injuries, and show ourselves brave and glorious? Oh! what a specimen of European morals. Ought we not rather to humble ourselves before our Maker, for the abuse

of superior light and information, and submit ourselves to his correcting Providence, so that it may be no more said of us,—

*“ Wild as the untaught Indian brood
The Christian savages remain !”*

One thing, however, is evident; we have no money to expend in war; and therefore,

⊕ in perigee, 9th day; apogee, 21st day.

⊕'s semidiam. 1st day, 15° 47"; 11th, 15° 46"; 21st, 15° 45".

SATURN in *Capricorn*, his old domain,
Opposes *Phœbus*, and produces rain,
With gloom and cold :—but ere the month shall end,
Bright *Sol* in *Leo* will again befriend
The farmer, who must seize each sunny day,
To mow—spread out—or gather in his hay.

M	W		⊕	☽	D's	D rises	
D	D			☽	A	& sets.	
1	S	☿ rises 8 58 aft.	9 back	4 10 a	1	⊕ in apogee.	
2			Visit. B.V.M.	5 10	21	Fine cumuli	
3	M	<i>Dog days begin</i>	11 belly	6 10	40	and bright sun :	
4	Tu	<i>Transl. St. Mart.</i>	12 reins	7 11	0	anon! sudden	
5	W		13 loins	8 11	23	showers.	
6	Th	<i>Old Mids. Day</i>	14 Scorpio	9 11	53		
7	F	<i>Tho. à Becket. Cam. T. ends.</i>		10	morn.		
8	S	<i>Oxf. Term ends</i>	16 hips	11 0	29	☿ in ♈; ☉ stat.	
9			17 thighs	12 1	17	Δ ♀ ♋	
10	M		18 knees	13 2	18	Warm, and	
11	Tu	♀ rises 9 47 aft.	18 and	F	rises	Δ ♀ ♋	
12	W	♂ sets 0 41 mo.	19 hams	15 8 a	33	♀ elong. max.	
13	Th	♀ rises 2 18 mo.	20 legs	16 8	54	♂ stationary.	
14	F	♀ rises 2 36 mo.	21 ankles	17 9	13	oft sultry.	
15	S	<i>St. Swithin</i>	22 feet	18 9	28	♂ ⊕ ♀; ☐ ♀ ☉	
16			23 toes	19 9	44	□ ♀ ☉	
17	M		24 head	20 10	0	Now cold	
18	Tu	☿ rises 7 46 aft.	25 and	21 10	18	for a few	
19	W	♀ rises 9 14 aft.	26 face	22 10	38	days.	
20	Th	<i>Margaret</i>	27 neck	23 11	2		
21	F		28 throat	24 11	32		
22	S	<i>Magdalene</i>	29 arms	25	morn.	Fine and	
23			☿ and	26 0	12	pleasant.	
24	M	♂ sets 11 54 aft.	1 should.	27 1	2	♀ in ♈; ♀ in ♈	
25	Tu		2 breast	28	2	4	Δ ⊕ ☉
26	W	<i>St. Anne</i>	3 stom.	29 3	16	Strong breezes	
27	Th		4 heart	N	sets	♂ ♀ ♀	
28	F	♀ rises 2 42 mo.	5 back	1	8 a	6	♀ in perihelion.
29	S		6 bowels	2	8	27	and passing
30			7 belly	3	8	47	showers.
31	M		8 reins	4	9	7	

July 16th, 18th of Tamuz, Taking of Jerusalem ;
July 28th, 1st of Ab.

The 8 day, at 4^h 45^m aftern. Mars
 The 12 day, at 0 31 morn. Saturn
 The 14 day, at 2 50 aftern. Jupiter
 The 25 day, at 6 45 aftern. Venus
 The 26 day, at 4 23 morn. Mercury } is in
 ecliptic conjunction with the Moon.

M			Moon	
D			South.	
13	45	8	15	3 a 16
A 3	46	8	14	4 6
33	46	8	14	4 55
43	47	8	13	5 45
53	48	8	12	6 37
63	48	8	12	7 32
73	49	8	11	8 29
83	50	8	10	9 28
A 3	51	8	9	10 27
103	51	8	9	11 25
113	52	8	morn.	
123	53	8	7	0 20
133	54	8	6	1 11
143	55	8	5	1 58
153	56	8	4	2 42
A 3	57	8	3	3 24
173	58	8	2	4 5
183	59	8	1	4 47
194	0	8	0	5 29
204	1	7	59	6 13
214	3	7	57	6 59
224	4	7	56	7 48
A 4	6	7	54	8 40
244	7	7	53	9 34
254	8	7	52	10 29
264	10	7	50	11 24
274	11	7	49	0 a 18
284	12	7	48	1 10
294	14	7	46	2 1
A 4	16	7	44	2 51
314	17	7	43	3 42

The depth of Rain in July 1841, at Aberdeen, was 2'672 inches; Empingham, 2'100; Epping, 3'163; Falmouth,
2'444; Greenwich, 4'311; and Thwaite, 3'86. This month was cold for the season.

Rain may be looked for about the 3rd, 12th, 15th, 20th, and 27th days. Be particular in observing the ten-

dency of the barometer about the middle of the month.

therefore, if we are wise politicians, we shall constantly study to be at peace with *all the world*.

Some of the planetary positions in

this month seem to promise something good for the city of London, and for our manufacturing and mining interests in the western parts of the kingdom: also something favourable for *America*, which, in the long run, may benefit our own nation:—but ♂ staying so

long in ♀ implies warlike movements in *Spain*, in which, perhaps, *France* will have a hand; and, if so, much prudence

♂ in perigee, 5th day; apogee, 18th day; perigee, 30th day.
 ♀'s semidiam. 1st day, 15° 45''; 11th, 15° 45''; 21st, 15° 46''.

*Pomona's realms a thousand blessings yield,
While Flora decks with beauties every field ;
Ceres in all her loveliest charms appears,
While Virgo greets the Sun, 'mid radiant spheres :
The husbandman returning home each night,
Sees Jove in eastern skies supremely bright.*

M D	W D	\odot sl	D's A	D rises & sets.
1 Tu	<i>Lammas Day</i>	9 loins	5 9 a 29	h. m. $\Delta \text{♀} \text{H}; \text{♂} \text{♀} \text{h}$
2 W	$\frac{1}{2}$ sets 2 56 mo.	9 Scorpio	6 9 56	$\Delta \odot \delta$
3 Th	$\frac{1}{4}$ rises 8 11 aft.	10 domin.	7 10 30	Fine; now
4 F	δ sets 1 19 aft.	11 hips	8 11 14	gather in
5 S		12 and	9 morn.	$\Delta \text{♀} \text{♀}$
6		<i>Transfig.</i>	10 0 9	your hay.
7 M	<i>Name of Jesus</i>	14 knees	11 1 14	δ sup. $\text{♀} \odot$
8 Tu	♀ rises 3 8 mo.	15 hams	12 2 26	
9 W		16 legs	13 3 40	$\Delta \text{♀} \text{H}$
10 Th	<i>St. Lawrence</i>	17 ancles	F rises	Some pass-
11 F	<i>Dog days end</i>	18 feet	15 7 a 36	$\text{♂} \text{♀} \frac{1}{4}$
12 S		19 and	16 7 52	ing showers;
13			17 8 7	thunder,
14 M	♀ sets 7 49 aft.	21 head	18 8 24	with hail
15 Tu	<i>Assump.B.V.M.</i>	22 face	19 8 42	in divers
16 W	$\frac{1}{2}$ sets 1 56 mo.	23 neck	20 9 5	$\text{♂} \odot \frac{1}{4}$
17 Th		24 and	21 9 33	places.
18 F		25 throat	22 10 7	
19 S	$\frac{1}{4}$ rises 7 4 aft.	26 arms	23 10 53	Pleasant,
20		27 should.	24 11 49	though oc-
21 M		28 breast	25 morn.	$\Delta \text{♀} \delta$
22 Th	δ sets 10 33 aft.	29 stom.	26 0 55	casionally
23 W	♀ rises 3 53 mo.	30 heart	27 2 8	windy: good
24 Th		1 back	28 3 28	weather for
25 F		2 bowels	N sets	$\text{♂} \text{♀} \frac{1}{4}$
26 S		3 and	1 6 a 51	$\Delta \text{♀} \frac{1}{2}; \square \text{♀} \delta$
27		4 belly	2 7 12	[♀ in perih.]
28 M	<i>St. Augustine</i>	4 reins	3 7 34	the harvest.
29 Tu	<i>St.Jno.Bapt.beh.</i>	5 loins	4 8 0	
30 W		6 Scorpio	5 8 33 *	$\delta \frac{1}{4}$
31 Th		7 domin.	6 9 13	♀ in ♂

August 6th, 10th of Ab, Destruction of the Temple;
August 27th, 1st of Elul.

The 5 day, at 4^h 26^m morn. Mars } is in
 The 8 day, at 4 29 morn. Saturn } ecliptic
 The 10 day, at 4 55 aftern. Jupiter } conjunction
 The 24 day, at 8 9 aftern. Venus } with the
 The 26 day, at 8 3 aftern. Mercury } Moon.

M	D			Moon		
				South.		
h.	m.	h.	m.	h.	m.	
14	19	7	41	4	a 34	<i>The depth of Rain in August 1841,</i>
24	21	7	39	5	25	
34	22	7	38	6	24	at Aberdeen, was 3.267 inches; Em-
44	24	7	36	7	22	pingham, 2.850; Epping, 3.252; Fal-
54	25	7	35	8	20	mouth, 2.795; Greenwich, 1.699; and
A 4	27	7	33	9	17	Thwaite, 2.36.
74	28	7	32	10	12	Rain (probably attended with thun-
84	30	7	30	11	3	der) on or near the 8th, 12th, 19th,
94	32	7	28	11	51	and 25th. Frequently consult your
104	33	7	27	morn.		
114	35	7	25	0	37	barometer during this month.
124	36	7	24	1	20	
A 4	38	7	22	2	1	prudence on the part of our govern-
144	40	7	20	2	43	ment will be requisite in determining
154	42	7	18	3	24	our operations respecting these two
164	44	7	16	4	7	powers. The planet ♀, in ♓, being
174	45	7	15	4	52	now in ♈ to ♉, leads me to think
184	47	7	13	5	40	
194	49	7	11	6	30	that divers diseases will at this time
A 4	51	7	9	7	22	be experienced that refer to the breast
214	53	7	7	8	16	and stomach. Many a tender mother,
224	54	7	6	9	10	with throbbing breast, will be watch-
234	56	7	4	10	4	ing in deep anxiety the hectic cheek
244	58	7	2	10	57	and heart-rending cough of a beloved
255	0	7	0	11	50	
265	2	6	58	0	a 42	
A 5	4	6	56	1	34	child, in the last stage of consumption,
285	6	6	54	2	27	whose brilliant eye (deceptive as an
295	8	6	52	3	22	April sunbeam) seems to inspire hope,
305	10	6	50	4	19	while the shades of death are gather-
315	11	6	49	5	17	ing fast around !
						Mars

in apogee, 15th day; perigee, 27th day.

⊕'s semidiam. 1st day, $15' 47''$; 11th, $15' 48''$; 21st, $15' 50''$.

Who looks around sees the world fraught with ill;
 But much of this flows from the human will,
 To *selfishness* inclined;—that baneful power,
 Which blighted Eden's amaranthine bower,—
 And still destroys the happiness of man,
 Poisons each sweet—inverts blest order's plan!

M D	W D		⊕ m	D's A	D rises & sets.	
1 F	Giles	[O.S.	8 hips	7 10 a	5	Drizzly for a
2 S	London bt.	1666,	9 thighs	8 11	7	short time.
3			10 knees	9	morn.	8 ♀ H
4 M	h sets 0	36 mo.	11 hams	10 0	16	Now fine
5 Tu	Old Bartholomew		12 legs	11 1	29	again; there-
6 W			13 and	12 2	42	fore attend to
7 Th	Enurchus		14 ancles	13 3	53	your latter
8 F	Nativ. B.V.M.		15 feet	F	rises	harvest.
9 S	4 sets 3	0 mo.	16 toes	15 6 a	15	
10			17 head	16 6	31	♀ in aphelion.
11 M			18 and	17 6	49	
12 Tu	♂ sets 9	55 aft.	19 face	18 7	10	Δ ⊕ h
13 W	♀ rises 4	59 mo.	20 neck	19 7	35	Expect
14 Th	Holy Cross		21 throat	20 8	6	some rain.
15 F			22 arms	21 8	47	
16 S	♀ sets 6	43 aft.	23 should.	22 9	37	Δ ♀ h; Δ ♀ u
17			24 breast	23 10	36	□ ♂ H; □ ♀ h
18 M	Geo. I. & II. land.		25 and	24 11	45	
19 Tu	h sets 11	32 aft.	26 stom.	25 morn.		Fine wea-
20 W			27 heart	26 1	1	♀ elong. max.
21 Th			28 back	27 2	23	ther for the
22 F			29 bowels	28 3	46	most part
23 S	4 sets 1	58 mo.	♂ belly	N	sets	(except the
24			1 reins	1	5 a	36 ♂ ⊕ H; h stat.
25 M	♂ sets 9	40 aft.	2 loins	2 6	1	8 ♀ H
26 Tu	St. Cyprian		3 Scorpio	3 6	32	gales at the
27 W			4 domin.	4 7	10	equinox)
28 Th	♀ rises 5	45 mo.	5 hips	5 8	0	to the end
29 F			6 thighs	6 9	1	of the
30 S	St. Jerome		7 knees	7 10	9	month.

Sept. 25th, 1st of Tisri (Jewish year 5604 begins); Sept. 26th, 2nd day; Sept. 27th, 3rd of Tisri, Fast of Guedaliah.

The 2 day, at	5 ^h 35 ^m	morn. Mars	is in ecliptic conjunction with the Moon.
The 4 day, at	7 50	morn. Saturn	
The 6 day, at	5 16	aftern. Jupiter	
The 23 day, at	6 52	aftern. Venus	
The 25 day, at	6 3	aftern. Mercury	
The 30 day, at	5 31	aftern. Mars	

M		Moon	
D		South.	
	h. m. h. m.	h. m.	
15	13 6 47	6 a 15	
25	15 6 45	7 13	<i>The depth of Rain in September</i>
A 5	17 6 43	8 7	<i>1841, at Aberdeen, was 1'955 inch;</i>
45	19 6 41	8 59	<i>Empingham, 2'690; Epping, 4'426;</i>
55	21 6 39	9 48	<i>Falmouth, 8'510; Greenwich, 3'860;</i>
65	23 6 37	10 33	<i>and Thwaite, 3'80. The last week was</i>
75	25 6 35	11 17	<i>very rainy. Hoar frost on the 6th.</i>
85	27 6 33	11 59	
95	29 6 31	morn.	<i>Rain on the 4th, 11th, 17th, and</i>
A 5	31 6 29	0 40	<i>29th.</i>
115	33 6 27	1 22	
125	34 6 26	2 4	Mars in □ to ♃ in ♈ towards the
135	36 6 24	2 48	end of last month (August), and other
145	38 6 22	3 34	important configurations in this, augur
155	40 6 20	4 22	great contentions and hot debates
165	42 6 18	5 13	
A 5	44 6 16	6 5	about matters in which agriculture is
185	46 6 14	6 57	concerned, probably the corn laws,
195	48 6 12	7 50	whereon so much has already been
205	50 6 10	8 43	advanced both by <i>Whigs</i> and <i>Tories</i> ;
215	52 6 8	9 35	and although their opinions vary very
225	54 6 6	10 27	much, yet I see a way by which the
235	56 6 4	11 20	
A 5	58 6 2	0 a 13	intellectual of both parties might sug-
255	06 0 1	9	gest improvements, and probably be of
266	25 58	2 7	one mind on this popular subject; and
276	35 57	3 7	that is, let them divest themselves of
286	55 55	4 7	all <i>selfishness</i> , and let that golden law
296	75 53	5 7	of the great Founder of our holy re-
306	95 51	6 3	
			ligion

♃ in apogee 12th day; perigee 24th day.

⊕'s semidiam. 1st day, 15° 53''; 11th, 15° 55''; 21st, 15° 58''.

MARS squares bright Sol:—will not that sanguine star
 Unfold in *France* and *Spain* the signs of war?
 And see!—he joins old *Saturn* with his *Goat*,
 Sure jars in eastern nations are afloat:
 When will the time arrive, (*Urania*, say,)
 That peace again shall there her flags display?

M	W		⊕	D's	☽ rises	
D	D		☽	A	& sets.	
1		<i>Remig.</i>	hams	8	11 a 21	Expect now
2	M	☽ sets 10	41 aft. 9 legs	9	morn.	☽ sup. ♀ ⊕
3	Tu	☽ sets 1	16 mo 10 and	10	0 33	☽ stationary.
4	W	☽ sets 9	35 aft. 11 ancles	11	1 45	□ ♀ ☽
5	Th		12 feet	12	2 54	□ ⊕ ☽
6	F	<i>Faith</i>	13 toes	13	4	I some heavy
7	S	☽ sets 5	35 aft. 14 head	14	5	9 rain with
8			15 and	F	rises	squalls.
9	M	<i>St. Denys</i>	16 face	16	5 a 16	△ ♀ ☽
10	Tb	<i>Oxf. & Cam. T. b.</i>	17 neck	17	5 39	Gloomy and
11	W	<i>Old Mich. Day</i>	18 throat	18	6 9	△ ⊕ ☽; □ ♀ ☽
12	Tit		19 arms	19	6 47	chilly. [per.
13	F	<i>Trs.K.Ed.Conf.</i>	20 and	20	7 32	□ ⊕ ☽; ☽ in
14	S		20 should.	21	8 28	☽ ♀ ♀; ☽ stat.
15			21 breast	22	9 31	☽ inf. ☽ ⊕
16	M		22 stom.	23	10 42	
17	Tu	<i>Etheldreda</i>	23 heart	24	11 58	☽ ☽ ☽; □ ☽ ☽
18	W		24 back	25	morn.	[□ ☽ ☽
19	Th	☽ rises 5	49 mo. 25 bowels	26	1 17	△ ☽ ☽ Some
20	F		26 belly	27	2 38	☽ in ☽ pass-
21	S	☽ sets 9	29 aft. 27 reins	28	4 2	ing showers.
22			28 loins	29	5 30	
23	M		29 Scorpio N	sets		Now fair,
24	Tu	☽ sets 11	50 aft. m domin.	1	5 a 4	☽ sta.; ☽ in per.
25	W	<i>Crispin</i>	1 hips	2	5 49	bright, and
26	Tit		2 thighs	3	6 47	cheerful.
27	F	☽ sets 9	30 aft. 3 knees	4	7 55	
28	S		4 and	5	9 8	Passing
29			5 hams	6	10 22	showers.
30	M		6 legs	7	11 34	△ ☽ ☽ [max.
31	Tb	☽ sets 4	55 aft. 7 ancles	8	morn. *	☽ H; ☽ elon.

October 4th, 10th of Tisri, Fast of Expiation: October 9th, Feast of Tabernacles; October 15th, Last day of the Festival; October 16th, Feast of the 8th day; October 17th, Rejoicing of the Law; October 25th, 1st of Hesvan.

The 1 day, at 0 ^h 59 ^m astern.	Saturn	is in ecliptic conjunction with the Moon.
The 3 day, at 7 9 astern.	Jupiter	
The 22 day, at 9 56 morn.	Mercury	
The 23 day, at 4 48 astern.	Venus	
The 28 day, at 9 36 astern.	Saturn	
The 29 day, at 11 21 morn.	Mars	
The 31 day, at 1 34 morn.	Jupiter	

M	D	Moon	South.	
A	6	11 5 49	6 a 56	<i>The depth of Rain in October 1841,</i> <i>at Aberdeen, was 4·280 inches; Em-</i> <i>pingham, 2·720; Epping, 6·713; Fal-</i> <i>mouth, 4·626; Greenwich, 5·501; and</i> <i>Thwaite, 5·10. This month was very</i> <i>wet.</i>
26	13 5 47	7 46		Rain on or about the 2nd, 6th, 13th,
36	16 5 44	8 32		19th, 23rd, and 29th, with perhaps
46	18 5 42	9 15		
56	20 5 40	9 57		
66	22 5 38	10 39		
76	24 5 36	11 20		
A	6	26 5 34 morn.		
96	28 5 32	0 2		some snow on the last-mentioned day
106	30 5 30	0 46		of this month.
116	31 5 29	1 31		
126	33 5 27	2 19		
136	35 5 25	3 8		ligion be the groundwork of their
146	37 5 23	3 58		operations,—namely, “ <i>Thou shalt love</i>
A	6	39 5 21	4 50	<i>thy neighbour as thyself.</i> ”
166	41 5 19	5 41		
176	43 5 17	6 32		The planetary aspects of this month
186	44 5 16	7 22		imply, among other things, fresh dis-
196	46 5 14	8 13		turbances in <i>India</i> , and great struggles
206	48 5 12	9 4		in some of the European states.
216	50 5 10	9 56		About the time of the ♂ of the two
A	6	52 5 8 10	51	malific planets ♀ and ♀ in the cold,
236	54 5 6 11	48		
246	56 5 4 0 a	49		earthly and unfortunate sign ♀, I am
256	58 5 2 1	51		afraid we shall at home experience
267	0 5 0 2	53		many accidents, violent deaths, &c.
277	2 4 58 3	53		It will especially be advisable for all
287	4 4 56 4	49		conductors of railway carriages to use
A	7	6 4 54 5	41	particular caution at this time.
307	8 4 52 6	29		
317	9 4 51 7	14		I shall

♂ in apogee, 9th day; perigee, 23rd day.

⊙'s semidiam. 1st day, 16° 0' ; 11th, 16° 3'' ; 21st, 16° 6''.

THE south-west gales disturb the merchant's rest,
 Whose treasures are on Ocean's raging breast :
 The tradesman murmurs at the *Income Tax* :
 The woodman in the forest plies his axe :
 The thresher now strikes out the bounding grain
 In the dry barn, nor minds the wind or rain.

M	W	\odot	D's	D rises	
D	D	m	A	& sets.	
1 W		o	9	h. m.	
		8 feet	0	46	□ ♀ h
2 Th	All Souls: Mich. T.b.	and	10	1 54	Alternately
3 F		10 toes	11	3 1	□ ♀ 2
4 S	K.Will. III. land.	11 head	12	4 8	bright and
5		12 face	13	5 14 *	♀ h
6 M	Leon.	13 neck	14	6 20	fair, and dull
7 Tu		14 and	F	rises	with rain.
8 W	h sets S 24 aft.	15 throat	16	4 a 47	
9 Th		16 arms	17	5 31	Mild.
10 F	[Ld. Mayor's day	17 should.	18	6 22	
11 S	St. Martin	18 breast	19	7 23	△ ♀ H
12		19 stom.	20	8 31	□ ○ 2
13 M	Britius	20 heart	21	9 43	♀ in 8
14 Tu	2 sets 10 35 aft.	21 and	22	11 0	* ○ h
15 W	Machutus	23 back	23	morn.	□ ♀ 3
16 Th		24 bowels	24	0 17	Rain or snow,
17 F	Hugh Bp. Linc.	25 belly	25	1 36	more or less,
18 S	3 sets 9 35 aft.	26 reins	26	2 59	may now be
19		27 loins	27	4 24	expected.
20 M	Edm. K. & Mart.	28 Scorpio	28	5 51	
21 Tu		domin.	N	sets	△ ○ H; □ ♀ 2
22 W	St. Cecilia	1 hips	1	4 a 28	
23 Th	St. Clement	1 thighs	2	5 32 *	♀ h
24 F	♀ sets 4 40 aft.	2 knees	3	6 46	Now fair
25 S	Cath. Mich. T. e.	3 hams	4	8 3	for the most
26		4 legs	5	9 19	part.
27 M		5 ankles	6	10 32	△ ♀ H; * ♀ 3
28 Tu	♀ rises 7 13 mo.	6 feet	7	11 42	[♀ in 8
29 W		7 and	8	morn.	* ♀ 2
30 Tu		8 toes	9	0 50	Raw and foggy.

Nov. 24th, 1st of Kislev.

The 21 day, at 1^h38^m morn. Mercury } is in
 The 22 day, at 3 47 aftern. Venus } ecliptic
 The 25 day, at 10 18 morn. Saturn } conjunction
 The 27 day, at 9 52 morn. Mars } with the
 The 27 day, at 2 11 aftern. Jupiter } Moon.

M			Moon	
D			South.	
17	11	4 49	7 a 56	<i>The depth of Rain in November</i>
27	13	4 47	8 38	1841, at Aberdeen, was 2'438 inches;
37	15	4 45	9 19	Empingham, 3'040; Epping, 4'440;
47	17	4 43	10 1	Falmouth, 9'383; Greenwich, 4'019;
A 7	18	4 42	10 44	and Thwaite, 2'51. This month was
67	20	4 40	11 29	also very wet.
77	21	4 39	morn.	
87	23	4 37	0 16	Rain, snow or sleet, on the 4th,
97	25	4 35	1 5	10th, 16th, 19th, and 25th.
107	26	4 34	1 55	
117	28	4 32	2 46	
A 7	30	4 30	3 37	I shall conclude these observations
137	31	4 29	4 27	by expressing my anxiety for thy wel-
147	33	4 27	5 16	fare, Oh, Britannia!—“Land of my
157	34	4 26	6 5	
167	36	4 24	6 53	fathers and mine,”—I delight to see
177	37	4 23	7 43	thee hoist thy flags of triumph, not
187	39	4 21	8 35	in cruel and unjust war, but in the
A 7	41	4 19	9 29	cause of Christianity and philosophy.
207	42	4 18	10 27	Herein mayst thou labour to keep
217	44	4 16	11 29	
227	45	4 15	0 a 32	thine head above that of thy neigh-
237	47	4 13	1 35	bours. Herein mayst thou shine like
247	48	4 12	2 35	a star of the first magnitude. Thou
257	49	4 11	3 31	hast plenty of work at home, without
A 7	50	4 10	4 22	going to raise a dust abroad. Heal
277	52	4 8	5 9	thine own maladies, and cleanse thy-
287	53	4 7	5 53	
297	54	4 6	6 36	self of diseases that riot on thy vitals
307	55	4 5	7 17	like

}, in apogee, 5th day; perigee, 20th day.

©'s semidiam. 1st day, 16' 9"; 11th, 16' 11"; 21st, 16' 13".

FAIR *Venus* smiles amid the evening gloom,
 And *Jove's* bright star the passing clouds illume,
 Directing to a lovelier STAR, whose ray
 Shows the blest path that leads to endless day!
 Ye rich, who *wish* to gain the realms sublime,
 Remember the *distress'd* this *Christmas time!*

M	W		○	D's	D rises	
D	D		4	A & sets.		
1	F	h sets 7 3 aft.	9 head	10	1 m 56	6 ♂ 4
2	S		10 face	11	3 3	December
3			11 neck	12	4 10	comes in
4	M		12 and	13	5 17	very mild.
5	Tu	2 sets 9 28 aft.	13 throat	14	6 21	□ ♀ H
6	W	Nicholas	14 arms	15	7 22	D eclipsed vis.
7	Th		15 should.	F	rises	♂ sup. ♀ ○ ; ♀
8	F	Concept. B.V.M.	16 breast	17	5 a 17 H sta.	[in aph.
9	S		17 and	18	6 23	The air now
10			18 stom.	19	7 34	inclined to
11	M		19 heart	20	8 48	be frosty.
12	Tu	♂ sets 9 45 aft.	20 back	21	10 4 *	♀ 4
13	W	Lucy	21 bowels	22	11 21	Some down-
14	Th		22 belly	23	morn. fall ;	perhaps
15	F	♀ sets 5 3 aft.	23 reins	24	0 39	snow.
16	S	Cam. T.e.O Sap. !	24 loins	25	2 0	* ○ ♀ ; □ ♀ H
17			25 Seerpio	26	3 24	♀ in aphelion.
18	M	Oxf. Term ends	26 domin.	27	4 47	
19	Tu		27 hips	28	6 8	Gloomy,
20	W		28 highs	29	7 19	□ ○ H ; * ♀ ♂
21	Th		Shortest Lay.		N sets	○ eclips. invis.
22	F		29 hams	1	5 a 35	with fog or
23	S	♀ sets 4 19 aft.	1 legs	2	6 53	rain.
24			2 and	3	8 10	
25	M		3 ancles	4	9 24	The year most
26	Tu		4 feet	5	10 34	6 ♀ h
27	W		5 toes	6	11 42	likely will end
28	Th		6 head	7	morn.	attended with
29	F		7 and	8	0 49	* ♀ H
30	S		8 face	9	1 56	frost and
31		Silv.	9 neck	10	3 3	snow.

Dec. 18th, 25th of Kislev, Dedication of the Temple;
 Dec. 24th, 1st of Tebet.

The 21 day, at 4h. 32m. aftern. Mercury		is in ecliptic conjunction with the Moon.
The 22 day, at 5h. 26m. aftern. Venus		
The 23 day, at 1h. 42m. morn. Saturn		
The 25 day, at 8h. 2m. morn. Jupiter		
The 26 day, at 11h. 9m. morn. Mars		

M	Sun rises	Sun sets	Moon South.	MONTHLY OBSERVATIONS.
17	56 4	47 a	58	<i>The depth of Rain in Dec. 1841, at Aberdeen, was 2.262 inches; Empingham, 1.560; Epping, 3.022; Falmouth, 5.244; Greenwich, 2.290; and Thwaite, 2.535.</i>
27	57 4	38	41	Rain or snow, more or less, on the 3d, 14th, 18th, 23d, and 29th.
A 7	58 4	29	25	
47	59 4	110	12	
58	0 4	011	0	FULL MOON, 7d. 0h. 1m. morn.
68	13 59	11	51	
78	23 58	morn.		
88	23 58	0	42	
98	33 57	1	34	like the plague, by improving the hovels of darkness, ignorance, and misery! Be determined to sweep drunkenness, amid other evils, from thy territories, and spread knowledge
A 8	33 57	2	24	
118	43 56	3	14	
128	43 56	4	2	
138	53 55	4	50	
148	53 55	5	38	LAST QUAR. 14d. 0h. 53m. aftern.
158	63 54	6	27	and virtue through all thy dwellings.
168	63 54	7	18	Then shalt thou be, what thou oughtest to be,—the praise of the whole earth. AMEN.
A 8	73 53	8	12	
188	73 53	9	10	
198	83 52	10	11	Upon taking the amount of the twelve months, it appears that the depth of
208	83 52	11	14	
218	83 52	0 a	15	NEW MOON, 21 d. 5h. 9m. morn.
228	83 52	1	14	rain for the whole year 1841, at Aberdeen, was 27.338 inches; Empingham, 24.430; Epping, 36.328; Falmouth, 53.365; Greenwich, 32.760; and at Thwaite, 27.325 inches; making the mean annual fall 33.599 inches, or
238	83 52	2	59	
A 8	83 52	2	59	
258	73 53	3	46	
268	73 53	4	30	
278	73 53	5	12	
288	73 53	5	54	FIRST QUAR. 28d. 2h. 53m. aftern.
298	63 54	6	37	14.076 hogsheads per acre, which in
308	63 54	7	20	weight is about three thousand three hundred and ninety-three tons.
A 8	53 55	8	6	

ꝝ in apogee 3d day; perigee 19th day; apogee, 30th day.
ꝝ's semidiam. 1st day, 16° 15"; 11th, 16° 16"; 21st, 16° 17".

The Dominion of the Moon
in Man's Body, *passing
under the Twelve Zodialal
Constellations.*

- Aries**, Head and Face.
- Taurus**, Neck and Throat.
- Gemini**, Arms and Shoulders.
- Cancer**, Breast and Stomach.
- Leo**, Heart and Back.
- Virgo**, Bowels and Belly.
- Libra**, Reins and Loins.
- Scorpio**, Secret Members.
- Sagittarius**, Hips and Thighs.
- Capricorn**, Knees and Hams.
- Aquarius**, Legs and Ankles.
- Pisces**, Feet and Toes.

Names and Characters of the PLANETS,
with *Dragon's Head & Dragon's Tail.*

- | | |
|----------------------------|-------------------------------|
| \odot , or, the SUN. | |
| \natural Saturn. | \vee Jupiter. |
| \heartsuit Venus. | \spadesuit Mercury. |
| \clubsuit Dragon's Head. | \diamondsuit Dragon's Tail. |

PLANETS discovered since 1780.

- | | |
|----------------------|---------------------|
| H Uranus. | \heartsuit Ceres. |
| \spadesuit Pallas. | \ast Juno. |
| | \clubsuit Vesta. |

The Characters of the ASPECTS.

- | | |
|-------------------------|---------------------------|
| \diamond Conjunction. | \ast Sextile. |
| | \varnothing Opposition. |
| Δ Trine. | \square Quartile. |

LAW TERMS AND RETURNS.

1. **HILARY TERM**—begins Jan. 11—ends Jan. 31—comprises 21 days.
2. **EASTER TERM**—begins April 15—ends May 11—27 days.
3. **TRINITY TERM**—begins May 25—ends June 15—22 days.
4. **MICHAELMAS TERM**—beg. Nov. 2—ends Nov. 25—24 days.

It is enacted, That all Writs now usually returnable before the Courts of King's Bench, Common Pleas, or Exchequer, respectively, on general Return Days, that shall be made returnable after the 1st day of January in 1831, may be made returnable on the 3d day exclusive before the commencement of each Term, or on any day, not being *Sunday*, between that day and the 3d day exclusive before the last day of the Term; and the day for appearance shall, as heretofore, be the 3d day after such Return, exclusive of the day of the Return; or in case such 3d day shall fall on a *Sunday*, then on the 4th day after such Return, exclusive of such day of Return. All other Writs must be made returnable on a day in full Term.

NAMES OF THE LEARNED JUDGES OF THE LAW.

I. CHANCERY.

- | | | | | |
|-----------------------------------|-------|---|---|-----------------------------|
| Right hon. Lord Lyndhurst | - - - | - | - | Lord High Chancellor. |
| Right hon. Lord Langdale | - - - | - | - | Master of the Rolls. |
| Right hon. Sir Lancelot Shadwell | - - - | - | - | Vice-Chancellor of England. |
| Right hon. Sir J. L. Knight Bruce | } | | - | Vice-Chancellors. |
| Right hon. Sir James Wigram | } | | - | |

II. QUEEN'S BENCH : Right hon. Lord Denman, L. C. J.

Sir J. Patteson : Sir J. Williams : Sir J. T. Coleridge : Sir W. Wightman.

III. COMMON PLEAS : Right hon. Sir Nicholas C. Tindal, L. C. J.

Sir T. Coltman : Rt. hon. T. Erskine : Sir W. H. Maule : Sir Creswell Cresswell.

IV. EXCHEQUER : Right hon. Lord Abinger, L. C. B.

Rt. hon. Sir J. Parke : Sir E. H. Alderson : Sir J. Gurney : Sir R. M. Rolfe.

V. BANKRUPTCY COURT : Sir John Cross, Judge.

C. F. Williams, J. H. Merivale, J. Evans, J. S. M. Fonblanque, } Commissioners.
R. G. C. Fane, and E. Holroyd, esqrs. }

Mr. Serjeant Lawes and William Barber, esq. Registrars.

Attorney Gen., Sir Fred. Pollock: Solicitor Gen., Sir Wm. Follett.

REGULATIONS RESPECTING ELECTIONS.

1843.—Notice to receive claims for Votes must be given by Overseers on June 20.—Lists of Electors must be made by July 31.—Persons objecting to claims for Votes must give notice by Aug. 25.—Barristers must hold their Revision Courts between Sept. 15 and Oct. 25—Lists to be copied into books, and the books to be delivered by Oct. 31; and such books to be considered the Register of the Electors.

COMMON NOTES for the Year 1843.

Lunar Cycle, or Golden Number - - - - -	1	Lent begins - - - - -	Mar. 1
Epact - - - - -	0	EASTER DAY - - - - -	Apr. 16
Dominical Letter - - - - -	A	Rogation Sunday - - - - -	May 21
Cycle of the Sun - - - - -	4	Ascension Day - - - - -	May 25
EPIPHANY - - - - -	Jan. 6	WHIT SUNDAY - - - - -	June 4
Sundays after Epiphany - - - - (five)		TRINITY SUNDAY - - - - -	June 11
Number of Direction - - - - -	26	Sundays after Trinity - - - - (twenty-four)	
SEPTUAGESIMA Sunday - - - - -	Feb. 12	ADVENT SUNDAY - - - - -	Dec. 3

THINGS TO BE BORNE IN MIND.

In JANUARY. That the 5th is a *Transfer day* at the Bank. That before the 8th, *Fire Insurance* policies, due at Christmas, must be paid. That *Hilary Term* begins on the 11th, ends on the 31st. That most of the *Quarter Sessions* are held in the first week of this month.

In FEBRUARY. That the 3d is Bishop Blaise's holiday, the 14th St. Valentine, and the 24th is *St. Matthias*, and is a holiday at several of the Public Offices.

In MARCH. Remember *St. David's* and *St. Patrick's* days. Municipal assessors appointed on the 1st; also, that Overseers are to be appointed on the 25th, and the old Overseers verify their accounts within fourteen days.

In APRIL. Returns relative to the *Assessed Taxes* are delivered early in this month. Transfer day for several of the Public Funds, the 5th. Fire Insurance due at Lady-day, must be paid before the 8th. That *Easter Term* begins on the 15th. *Quarter Sessions*, 1st week in this month.

In MAY. That Easter Term ends on the 11th, that the Hop-duty is collected on the 15th, that the 24th is the QUEEN's birth-day. And remember "round about the May-pole" from the 1st to the 13th; if the May-pole is falling, subscribe for another, or apply to the Lord of the Manor, and see what he will do.

In JUNE. Overseers, on the 20th, to fix on the church-doors notices as to persons qualified to vote for counties; persons on the register need not make a new claim, unless the qualification has been changed. Drink the Queen's health again on the 20th. Trinity Term, which began May 25th, ends the 15th of this month. So farewell to the Lawyers until November. *Quarter Sessions*, the last week.

In JULY. *Transfer day* again on the 5th, and Fire Insurance premiums paid before the 8th. Appraisers' licenses (who are not auctioneers) to be taken out on the 5th. The 20th is the last day for sending in claims as county voters. Before this day, also, parliamentary electors, in cities and boroughs, must have paid poor's rates and window tax, or lose their votes for the next year. Lists of Electors to be made out on the 31st. *St. Swithin* is an old deceiver; do not regard him.

In AUGUST. Expect shooting stars about the 9th. The 7th and 14th, being the 1st and 2d Sundays, Borough and County Lists to be affixed on church-doors. Hawkers' and Pedlars' licenses taken out on the 1st. All taxes and rates due March 1, must be paid on or before the end of this month by persons claiming to be enrolled as Burgesses.—*Mun. Corp. Act.*

In SEPTEMBER. 4th and 11th. Lists of objections to the county electors to be affixed on church-doors. *Burgess Lists* to be made out by the 5th. On the 22d, lists for the selection, by the Justices, of *Highway Surveyors* to be prepared.

In OCTOBER. *Transfer day*, Oct. 10. *Burgess Lists* to be revised between the 1st and the 15th. Michaelmas Fire Insurances must be paid before the 13th. Bankers' licenses taken out on the 10th. *Quarter Sessions* in the first week after the 11th.

In NOVEMBER. 1st. Borough Councillors to be elected. The 1st a Holiday at some of the Public Offices. 9th. *Mayors and Aldermen* to be elected. 12th. Look out for shooting stars. 15th. Hop-duty collected, and Attorneys' certificates to be taken out. Don't let Allhallow's day be quite forgotten; but forget, if you safely can, that Michaelmas Term begins on the 2d and ends on the 25th.

In DECEMBER. Forget not the Christmas festivities; nor neglect to ascertain how affairs stand with regard to your accounts, your families, your bodies, your souls. *TIME is the most irresistible of all innovators*; but if you have built on a right foundation for eternity, you need not fear him.

*A TABLE OF THE
KINGS AND QUEENS OF ENGLAND,
SINCE THE CONQUEST.*

Kings and Queens.	Born A.D.	Reigns began.	Reigned Y. M. D.	Reigns ended.	Age.	Where buried.
Will. Conq.	1027	1066 Dec. 25	20 8 15	1087 Sept. 9	60	Caen, Norm.
Will. Rufus	1057	1087 Sept. 26	12 10 7	1200 Aug. 2	43	Winchester.
Henry I.	1068	1100 Aug. 5	35 3 27	1135 Dec. 1	67	Reading.
Stephen	1105	1135 Dec. 26	18 10 0	1154 Oct. 25	49	Faversham.

THE SAXON LINE RESTORED.

Henry II.	1133	1154 Dec. 19	34 6 18	1189 July 6	56	Fontevrault.
Richard I.	1156	1189 Sept. 3	9 7 3	1199 April 6	43	Fontevrault.
John	1165	1199 May 27	17 4 23	1216 Oct. 19	51	Worcester.
Henry III.	1207	1216 Oct. 28	56 0 19	1272 Nov. 16	65	Westminster.
Edward I.	1239	1272 Nov. 20	34 7 17	1307 July 7	67	Westminster.
Edward II.	1284	1307 July 8	19 6 12	1327 Jan. 20	43	Gloucester.
Edward III.	1312	1327 Jan. 25	50 4 27	1377 June 21	65	Westminster.
Richard II.	1366	1377 June 22	22 3 7	1399 Sept. 29	33	Westminster.

THE LINE OF LANCASTER.

Henry IV.	1367	1399 Sept. 30	13 5 20	1413 Mar. 20	46	Canterbury.
Henry V.	1389	1413 Mar. 21	9 5 10	1422 Aug. 31	33	Westminster.
Henry VI.	1421	1422 Sept. 1	38 6 3	1461 Mar. 4	49	Windsor.

THE LINE OF YORK.

Edward IV.	1442	1461 Mar. 4	22 1 5	1483 April 9	41	Windsor.
Edward V.	1471	1483 April 9	0 2 16	1483 June 25	12	Not known.
Richard III.	1443	1483 June 26	2 1 26	1485 Aug. 22	42	Leicester.

THE FAMILIES UNITED.

Henry VII.	1456	1485 Aug. 22	23 7 30	1509 April 21	52	Westminster.
Henry VIII.	1492	1509 April 22	37 9 6	1547 Jan. 28	55	Windsor.
Edward VI.	1537	1547 Jan. 28	6 5 9	1553 July 6	16	Westminster.
Queen Mary	1516	1553 July 6	5 4 11	1558 Nov. 17	42	Westminster.
Qu. Elizabeth	1533	1558 Nov. 17	41 4 7	1603 Mar. 24	69	Westminster.

THE UNION OF THE ENGLISH AND SCOTCH CROWNS.

James I.	1566	1603 Mar. 24	22 0 3	1625 Mar. 27	58	Westminster.
Charles I.	1600	1625 Mar. 27	23 10 3	1649 Jan. 30	48	Windsor.
Charles II.	1630	1649 Jan. 30	36 0 7	1685 Feb. 6	54	Westminster.
James II.	1633	1685 Feb. 6	3 10 5	1688 Dec. 11	67	Paris.
William III.	1650	1689 Feb. 13	13 0 20	1702 Mar. 8	51	Westminster.
Mary II.	1662				32	Westminster.

THE UNION OF THE TWO KINGDOMS.

Queen Anne	1665	1702 Mar. 8	12 4 24	1714 Aug. 1	49	Westminster.
George I.	1660	1714 Aug. 1	12 10 10	1727 June 11	67	Hanover.
George II.	1683	1727 June 11	33 4 14	1760 Oct. 25	77	Westminster.
George III.	1738	1760 Oct. 25	59 3 4	1820 Jan. 29	82	Windsor.
George IV.	1762	1820 Jan. 29	10 4 28	1830 June 26	68	Windsor.
William IV.	1765	1830 June 26	6 11 25	1837 June 20	72	Windsor.
VICTORIA	1819	1837 June 20				Whom God preserve.

The COMMONWEALTH, under Cromwell and his Son, lasted from Jan. 30th, 1649, to May 29th, 1660; or 11 years 3 months 29 days.

It was not until the reign of Elizabeth that the principle that "The King never dies," was admitted; that of hereditary right, from November 1272.

The three longest reigns were those of Henry III., Edward III., and George III. Richard I.'s body was buried at Fontevrault, his head at Rouen, and his heart at Charron, agreeably to his own directions. II. VI. dep. in 1461, d. in 1471.

John was crowned four times, viz. on May 27th, 1199; on Oct. 8th, 1200; on March 25th, 1201; and on April 14th, 1202.

Henry III. was crowned twice: viz. Oct. 28th, 1216; and May 17th, 1220.

Edward III. was King of France from January 1340 to May 1360.

Some legal documents between July 5th & 17th, 1553, refer to Jane [Grey] as Queen.

BIRTH-DAYS OF THE ROYAL FAMILY.

QUEEN VICTORIA - - - - born 24 May 1819.

ALBERT EDWARD PRINCE OF WALES born 9 Nov. 1841.

THE PRINCESS ROYAL - - - - born 21 Nov. 1840.

PRINCE ALBERT - - - - born 26 Aug. 1819.

QUEEN DOWAGER	-	13 Aug. 1792	Duchess of Cambridge	-	25 July 1797
King of Hanover	-	5 June 1771	George Frederick of Han.	27 May	1819
Duke of Sussex	-	27 Jan. 1773	George William of Cam.	26 Mar.	1819
Duke of Cambridge	-	24 Feb. 1774	Augusta Caroline of Cam.	19 July	1822
Duchess of Gloucester	-	25 April 1776	Mary Adelaide of Cam.	27 Nov.	1833
Princess Sophia	-	3 Nov. 1777			
Duchess of Kent	-	17 Aug. 1786	Princess Sophia Matilda	-	29 May 1773

SOVEREIGNS OF EUROPE.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c.	VICTORIA	May 24 - - 1819	June 20 - - 1837
France, &c.	Louis Philippe I.	Oct. 6 - - 1773	Aug. 9 - - 1830
Russia, &c.	Nicholas	July 7, O. S. 1796	Dec. 1, O. S. 1825
Spain	Maria Isabella	Oct. 10 - - 1830	Sept. 29 - - 1833
Portugal	Maria de Gloria	April 1 - - 1819	May 2 - - 1826
Prussia	Frederic Wm. IV.	Nov. 15 - - 1795	June 7 - - 1840
Netherlands	William II.	Dec. 6 - - 1792	Oct. 7 - - 1840
Belgium	Leopold I.	Dec. 16 - - 1790	July 21 - - 1831
Denmark	Frederic VII.	Sept. 18 - - 1786	Dec. 3 - - 1839
Sweden & Norway	Charles XIV.	Jan. 26 - - 1761	Feb. 5 - - 1818
Austria, &c.	Ferdinand	April 19 - - 1793	Mar. 2 - - 1835
Popedom	Gregory XVI.	Sept. 18 - - 1765	Feb. 2 - - 1831
Sardinia	Charles Amadeus	Aug. 16 - - 1800	April 27 - - 1831
Naples, &c.	Ferdinand II.	Jan. 12 - - 1810	Nov. 8 - - 1830
Ottoman Empire	Abdul Medjid	April 19 - - 1823	July - - 1839
Hanover	Ernest Augustus	June 5 - - 1771	June 20 - - 1837
Greece	Otho I.	June 1 - - 1815	Feb. 6 - - 1833
Bavaria	Louis Charles	Aug. 25 - - 1786	Oct. 13 - - 1825
Saxony	Frederick	May 18 - - 1797	June 6 - - 1836

TABLE TO CALCULATE WAGES.

Pr.Yr.	Per Month.	Per Week.	Per Day.	Pr. Yr.	Per Month.	Per Week.	Per Day.
£	£ s. d.	£ s. d.	s. d.	£	£ s. d.	£ s. d.	s. d.
1	0 1 8	0 0 4 $\frac{1}{2}$	0 0 $\frac{1}{2}$	15	1 5 0	0 5 9 $\frac{1}{2}$	0 9
2	0 3 4	0 0 9 $\frac{1}{2}$	0 1 $\frac{1}{2}$	16	1 6 8	0 6 1 $\frac{1}{2}$	1 0 $\frac{1}{2}$
3	0 5 0	0 1 1 $\frac{1}{2}$	0 2	17	1 8 4	0 6 6 $\frac{1}{2}$	0 11 $\frac{1}{2}$
4	0 6 8	0 1 6 $\frac{1}{2}$	0 2 $\frac{1}{2}$	18	1 10 0	0 6 10 $\frac{1}{2}$	0 11 $\frac{1}{2}$
5	0 8 4	0 1 11	0 3 $\frac{1}{2}$	19	1 11 8	0 7 3 $\frac{1}{2}$	1 0 $\frac{1}{2}$
6	0 10 0	0 2 2 $\frac{1}{2}$	0 4	20	1 13 1	0 7 8	1 1 $\frac{1}{2}$
7	0 11 8	0 2 8 $\frac{1}{2}$	0 4 $\frac{1}{2}$	30	2 10 0	0 11 6	1 7 $\frac{1}{2}$
8	0 13 4	0 3 0 $\frac{1}{2}$	0 5 $\frac{1}{2}$	40	3 6 8	0 15 4	2 2 $\frac{1}{2}$
9	0 15 0	0 3 5 $\frac{1}{2}$	0 6	50	4 3 1	0 19 2	2 2 $\frac{1}{2}$
10	0 16 8	0 3 10	0 6 $\frac{1}{2}$	60	5 0 0	1 3 0 $\frac{1}{2}$	3 3 $\frac{1}{2}$
11	0 18 4	0 4 2 $\frac{1}{2}$	0 7 $\frac{1}{2}$	70	5 16 8	1 6 10 $\frac{1}{2}$	3 10
12	1 0 0	0 4 7 $\frac{1}{2}$	0 8	80	6 13 4	1 10 8 $\frac{1}{2}$	4 4 $\frac{1}{2}$
13	1 1 8	0 4 11 $\frac{1}{2}$	0 8 $\frac{1}{2}$	90	7 10 0	1 14 6 $\frac{1}{2}$	4 11 $\frac{1}{2}$
14	1 3 4	0 5 4 $\frac{1}{2}$	0 9 $\frac{1}{2}$	100	8 6 8	1 18 4 $\frac{1}{2}$	5 5 $\frac{1}{2}$

The Months in the above Table are calculated at only Twelve Months to the Year. If the yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per Year are Ten Shillings per Month; but, if the Wages be Six Guineas, add one Penny for each Guinea, that is Sixpence, and it will then be Ten Shillings and Sixpence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Five-pence per Week.

A plain and easy TABLE, showing the Time of HIGH WATER.

NOTE.—Opposite the Moon's Age in the first column you have nearly the time of High Water at the Places specified in the several columns: * denotes a little before, † a little after.

† Bauf, Calais, Chichester, † Cromartie, * Deal, Dunkirk, Gravelines, † Greenock, Harwich, Kentish Knock, Liverpool, N. Foreland, Portsmouth Dock-yard, † Ransgate, Southampton, St. Helen's.

* Aberdeen, Bergen, * Flushing, Goodwin Sands, Gravesend, † Gore, † May Isle, † Montrose, Romney, * Nore Light, † Tay Bar.

† Amsterdam, † Alne, Berwick, † Blythe, † Burnt Island, * Cuckold's Point, Dunbar, Dundee, Drontheim, Eyemouth, † Hartlepool, Helena (St.), Leith Pier, LONDON BRIDGE, † Rotterdam.

Barnstaple Bar, † Bolt Head, * Donegal, * Edystone, Falmouth, Fowey, † Milford Haven, * Morlaix, Plymouth Dock-yard, † Saltées.

Achill II., Bridport, Caneale B., Carmarthen Bar, Dartmouth, † Exmouth, † Guernsey Pier, Hull, Lewis Islands, Pembroke Dock-yard, † Portland Pier, St. Malo, Swansea Bay, Torbay; † Weymouth.

† Barnouth, Cherbourg, * Boston, * Bristol, Brec'hat Isle, Dudigeon Light, † Gironde Mouth, Sandy Hook, † Texel (S. P.), Wexford Harbour.

Allboro', * Amlwick, † Beachy Off, Calf of Man, Cowes, Douglas, Dundalk, Dungeness, * Havre, * Pentland Firth, Rye, * Stromness, Yarmouth Sands.

Cairnion, Cantine (Mull), Carnarvon, * Christchurch H., Donaghadee, † Lerwick, † Needles, Rathlin I., Spithead, Texel, Wicklow.

N.B.—The Moon's Age is given in the Calendar pages.

D. 's A.	h.	m.														
0 15	11	38	1	30	2	18	5	30	6	8	7	33	10	48	9	10
1 16	12	26	2	18	3	6	6	18	6	56	8	21	11	26	9	58
2 17	1	14	3	6	3	54	7	6	7	44	9	9	12	24	10	46
3 18	2	2	3	54	4	42	7	54	8	32	9	57	1	12	11	34
4 19	2	50	4	42	5	30	8	42	9	20	10	45	2	0	12	22
5 20	3	38	5	20	6	18	9	30	10	8	11	23	2	48	1	10
6 21	4	26	6	18	7	6	10	18	10	56	12	21	3	36	1	58
7 22	5	14	7	6	7	54	11	6	11	44	1	9	4	24	2	46
8 23	6	2	7	54	8	42	11	54	12	32	1	57	5	12	3	34
9 24	6	50	8	42	9	30	12	42	1	20	2	45	6	0	4	22
10 25	7	38	9	30	10	18	1	30	2	8	3	33	6	48	5	10
11 26	8	26	10	18	11	6	2	18	2	56	4	21	7	36	5	58
12 27	9	14	11	6	11	54	3	6	3	44	5	9	8	24	6	46
13 28	10	2	11	54	12	42	3	54	4	32	5	57	9	12	7	34
14 29	10	50	12	42	1	30	4	42	5	20	6	45	10	0	8	22

NOTE.—The times in the above Table, though only approximative, are usually true within half an hour.

A Table of the Equation of Time, for regulating Clocks and Watches for 1843.

D.	January.	February.	March.	April.	May.	June.
1	3' fa. 43"	13' fa. 53"	12' fa. 42"	4' fa. 7"	2' slo. 58"	2' slo. 35"
3	4 40	14 8	12 17	3 20	3 13	2 16
5	5 25	14 19	11 51	2 55	3 25	1 57
7	6 28	14 27	11 23	2 20	3 35	1 36
9	7 19	14 32	10 53	1 46	3 43	1 13
11	8 8	11 34	10 22	1 12	3 49	0 50
13	8 54	14 32	9 49	0 40	3 53	0 26
15	9 38	14 28	9 15	0 9	3 54	0 1
17	10 19	14 20	8 41	0 slo. 21	3 53	0 fa. 24
19	10 58	14 10	8 5	0 49	3 49	0 50
21	11 33	13 57	7 29	1 15	3 44	1 16
23	12 6	13 42	6 52	1 40	3 36	1 42
25	12 35	13 24	6 15	2 2	3 26	2 8
27	13 1	13 4	5 38	2 23	3 13	2 33
29	13 24	-	5 2	2 42	2 59	2 58
31	13 44	-	4 25	-	2 43	-

Equation of Time Table—continued.

D.	July.	August.	September.	October.	November.	December.
1	3' fa. 22 ^z	6' fa. 3'	0' slo. 0'	10 slo. 11 ^z	16' slo. 16 ^z	10' slo. 54 ^z
3	3 45	5 56	0 37	10 49	16 18	10 8
5	4 7	5 45	1 16	11 25	16 16	9 20
7	4 27	5 33	1 56	12 1	16 12	8 29
9	4 46	5 18	2 37	12 34	16 4	7 37
11	5 3	5 1	3 18	13 6	15 52	6 42
13	5 19	4 41	4 0	13 36	15 37	5 46
15	5 32	4 29	4 42	14 4	15 19	4 49
17	5 44	3 56	5 25	14 29	14 57	3 50
19	5 54	3 20	6 7	14 52	14 32	2 51
21	6 1	3 2	6 49	15 13	14 3	1 51
23	6 7	2 33	7 31	15 31	13 31	0 51
25	6 10	2 2	8 12	15 46	12 56	0 fa. 9
27	6 11	1 29	8 52	15 58	12 18	1 9
29	6 19	0 55	9 32	16 7	11 38	2 8
31	6 6	0 19	-	16 14	-	3 7

Note.—Fa. means Clock to be fast; that is, your Clock, to be right, must be so much faster than the Sun Dial—slo. that your Clock must be so much slower than the Sun Dial.

To set a Clock or Watch on any Day by means of this Table:—Take out the number of Minutes and Seconds which stands against that day, and make your Clock or Watch so much faster or slower (according as the Table is marked fa. or slo.) than the time on a good Sun Dial. Thus, on January 1st, the Clock must be set 3m. 43s. faster or before the Dial: on the 1st of October, it must be set 10m. 11s. slower. Correct the Watch when the Dial marks just an hour, as 9, 10, 11, 1, 2, 3, or 4 o'clock. Noon is not best, nor near Sun-rise or Sun-set.

Note.—The Sun's risings and settings, in this Almanack, are still given in Solar Time, as best fitted for my numerous country friends. See also p. 27, Almanack for 1843.

A TABLE showing the Days on which the Moon enters the several Signs of the Zodiac, in 1843.

Days of Month.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	-	-	-	-	○	II	-	III	-	-	-	-
2	III	-	-	-	-	Ω	-	III	-	-	-	-
3	-	-	-	-	-	-	Ω	-	-	-	-	-
4	-	-	-	-	-	-	Ω	-	-	-	-	-
5	-	-	-	-	-	-	Ω	-	-	-	-	-
6	-	-	-	-	-	-	Ω	-	-	-	-	-
7	-	-	-	-	-	-	Ω	-	-	-	-	-
8	-	-	-	-	-	-	Ω	-	-	-	-	-
9	-	-	-	-	-	-	Ω	-	-	-	-	-
10	-	-	-	-	-	-	Ω	-	-	-	-	-
11	-	-	-	-	-	-	Ω	-	-	-	-	-
12	-	-	-	-	-	-	Ω	-	-	-	-	-
13	-	-	-	-	-	-	Ω	-	-	-	-	-
14	-	-	-	-	-	-	Ω	-	-	-	-	-
15	-	-	-	-	-	-	Ω	-	-	-	-	-
16	-	-	-	-	-	-	Ω	-	-	-	-	-
17	-	-	-	-	-	-	Ω	-	-	-	-	-
18	-	-	-	-	-	-	Ω	-	-	-	-	-
19	-	-	-	-	-	-	Ω	-	-	-	-	-
20	-	-	-	-	-	-	Ω	-	-	-	-	-
21	-	-	-	-	-	-	Ω	-	-	-	-	-
22	-	-	-	-	-	-	Ω	-	-	-	-	-
23	-	-	-	-	-	-	Ω	-	-	-	-	-
24	-	-	-	-	-	-	Ω	-	-	-	-	-
25	-	-	-	-	-	-	Ω	-	-	-	-	-
26	-	-	-	-	-	-	Ω	-	-	-	-	-
27	-	-	-	-	-	-	Ω	-	-	-	-	-
28	-	-	-	-	-	-	Ω	-	-	-	-	-
29	-	-	-	-	-	-	Ω	-	-	-	-	-
30	-	-	-	-	-	-	Ω	-	-	-	-	-
31	-	-	-	-	-	-	Ω	-	-	-	-	-

32 PLANETARY PHENOMENA, &c. [MOORE.]

MEAN TIME at GREENWICH when the PLANETS enter the several Signs of the ZODIAC in 1843.

MERCURY.

		h. m.	
January	-	11th, at 8 37 aft.	☿
February	-	1st, at 8 58 morn.	☿
		10th, at 8 7 morn.	☿℞
March	-	18th, at 6 41 morn.	☿
April	-	7th, at 1 38 aft.	☿
		23d, at 2 4 morn.	☿
May	-	7th, at 9 9 morn.	☿
		30th, at 7 34 aft.	☿
June	-	13th, at 9 24 aft.	☿℞
July	-	13th, at 4 22 aft.	☿
		31st, at 4 18 aft.	☿
August	-	15th, at 0 49 aft.	☿
September	-	2d, at 7 32 morn.	☿
		30th, at 3 36 morn.	☿
October	-	7th, at 0 38 morn.	☿℞
November	-	9th, at 1 9 morn.	☿
		28th, at 3 40 morn.	♃
December	-	17th, at 5 4 morn.	☿

VENUS.

		h. m.	
February	-	2d, at 1 48 morn.	♀
March	-	7th, at 4 52 aft.	♀
April	-	4th, at 4 2 morn.	♀
		30th, at 3 48 morn.	♀
May	-	25th, at 2 35 aft.	♀
June	-	19th, at 5 20 aft.	♀
July	-	14th, at 1 58 aft.	♀
August	-	8th, at 4 2 morn.	♀
September	-	1st, at 11 54 morn.	♀
		25th, at 2 53 aft.	♀
October	-	19th, at 3 12 aft.	♀
November	-	12th, at 2 2 aft.	♃
December	-	6th, at 0 56 aft.	♀
		30th, at 0 32 aft.	♀

MARS.

		h. m.	
February	-	21st, at 6 24 aft.	♂
September	-	16th, at 6 5 aft.	♂
November	-	1st, at 4 29 aft.	♂
December	-	12th, at 12 0 aft.	♂

JUPITER.

		h. m.	
January	-	5th, at 3 34 morn.	♃

SATURN.

In ♀ during the whole year.

URANUS.

		h. m.	
April	-	19th, at 4 24 aft.	♄

NOTE.—When ♀ occurs, it shows the planet is *retrograde*, and that it enters at the terminating point of the sign against which it stands.

The Times when the PLANETS are stationary in 1843, M. T. Greenwich.

		h. d.	
January	-	8 10 morn.	♀ R. S. D. in ♀
February	-	5 7 morn.	♂ D. S. R. in ♀
		26 11 aft.	♀ R. S. D. in ♀
May	-	3 4 aft.	♂ D. S. R. in ♀
		6 1 morn.	♂ D. S. R. in ♀
June	-	6 3 aft.	♂ D. S. R. in ♀
		17 6 morn.	♀ R. S. D. in ♀
		30 6 aft.	♀ R. S. D. in ♀
July	-	8 9 morn.	♂ D. S. R. in ♀
		13 7 morn.	♂ R. S. D. in ♀
September	24	1 morn.	♂ R. S. D. in ♀
October	-	3 6 aft.	♂ D. S. R. in ♀
		14 3 aft.	♀ R. S. D. in ♀
		24 6 morn.	♀ R. S. D. in ♀
December	8	4 aft.	♂ R. S. D. in ♀

How to ascertain in what PERIOD any PLANET and the EARTH return to the same POINT of the HEAVENS.

Find, from a Table of their mean motions, a number of years agreeing to a complete number of revolutions of the planet. According to *M. de la Lande*, *Mercury*, in thirteen years (of which three are bissextiles) and three days, makes fifty-four revolutions, and 2 degrees 55 minutes; in the same time, the *Earth* makes thirteen revolutions, and 2 degrees 49 minutes over; therefore, in this period, the *Earth* and *Mercury* return to very nearly the same relative situation in the heavens. *Venus*, after a space of eight years, is found within 1 degree 32 minutes of the same place, and the *Earth* within 4 minutes. In seventy-nine years and four days (supposing there are twenty bissextiles), *Mars* returns to the same situation within 3 degrees 39 minutes, and the *Earth* within 3 degrees 48 minutes. *Jupiter*, in eighty-three years returns to within 12 minutes of the same point, and the *Earth* within 6 minutes. *Saturn*, in fifty-nine years and two days, returns to within 1 degree 45 minutes of the same situation, and the *Earth* to within 1 degree 41 minutes.—If the reader, for curiosity, or for the sake of confirming these observations, consult my Almanack for 1830 (thirteen years back), he will find the planet *Mercury* with regard to his superior and inferior conjunctions with the sun, and his greatest elongations from that luminary, to agree very nearly with the present year, 1843; he will also find the same agreement respecting the planet *Venus*, by comparing my Almanack for 1835 (eight years ago), with the present one. Now, any year, when *Venus* is a splendid object (being an evening star in the Spring, and a morning star in the Autumn), if eight, sixteen, twenty-four years, &c., be subtracted from, or added to the same, similar phenomena of this beautiful star will be found. See the note on *Venus* at the bottom of page 5, of my Almanacks of every eighth year.

NOTE.—On February 11, 1521, *Venus*, *Mars*, *Jupiter*, and *Saturn*, were very near each other, and *Mercury* not above 16 degrees from them; on November 11, 1544, *Mercury*, *Venus*, *Jupiter*, and *Saturn*, were within the space of 10 degrees; on March 17, 1723, *Mercury*, *Venus*, *Mars*, and *Jupiter*, were so near each other as to be all seen through the same telescope without changing its position.

STAMP DUTIES.

RECEIPTS.	s. d.	BONDS AND MORTGAGES.	£. s.
If £.5 and under £.10	0 3	For any Sum not above £.50	1 0
10 ditto	0 6	£.50 and not above £.100	1 10
20 ditto	1 0	100 ditto	2 0
50 ditto	1 6	200 ditto	3 0
100 ditto	2 6	300 ditto	4 0
200 ditto	4 0	500 ditto	5 0
300 ditto	5 0	1,000 ditto	6 0
500 ditto	7 6	2,000 ditto	7 0
1,000 and upwards	10 0	3,000 ditto	8 0
Any sum, if in full	10 0	4,000 ditto	9 0
The Stamp to be paid by the Person giving the Receipt.		5,000 ditto	12 0
Receipt Stamps necessary if money be paid by Promissory Notes, &c.		Bonds of Indemnity	1 15

BILLS & PROMISSORY NOTES.

Payable on demand, or at not otherwise exceeding 2 months after wise date, or 60 days after sight, payab.

£. s.	£. s. d.	s. d.
If for 2 0	5 5 1 0	1 6
Above 5 5	20 0 1 6	2 0
20 0	30 0 2 0	2 6
30 0	50 0 2 6	3 6
50 0	100 0 3 6	4 6
100 0	200 0 4 6	5 0
200 0	300 0 5 0	6 0
300 0	500 0 6 0	8 6
500 0	1,000 0 8 6	12 6
1,000 0	2,000 0 12 6	15 0
2,000 0	3,000 0 15 0	25 0
3,000 0	25 0	30 0

Penalty for post-dating Bills, £. 100.

Exceeding

Mortgages made as Bonds, with a progressive Duty on Mortgages of £. 1, and on Bonds of £. 1. 5s. for every additional 1,080 words beyond the first 1,080.

LEASE FOR A YEAR.

Where the Purchase Money shall not amount to £. 20	£. s.
£. 20 and not amount to £. 50	0 10
50 - ditto - - 150	0 15
150 or upwards	1 5

MORTGAGES, the same Duty as on Bonds.

LEGACIES OF £. 20 AND UPWARDS.

To Children or Parents	1 <i>l.</i> per cent. 3 do. 5 do. 6 do.
Brother or Sister -	
Uncle or Aunt -	
Great Uncle or Aunt	
All other Relations or Strangers	10 do.
Husband, Wife, and Royal Family	exempted.

TRANSFERS AND DIVIDENDS IN THE FUNDS.

Name of the Stock.	Days of Transfer.	Due.	Hours.
BANK Stock	Tu Th F	April 5	Hours for buying, selling, and trans-
3 per cent. Reduced	Tu W Th F	May 1	ferring from 11 to 1;
3½ per cent. Reduced	Tu Th S	Oct. 10	for accepting, from
Long Annuities	M W	Jan. 5	9 to 3; for payment
4 per cent. 1826	Tu Th F	July 5	of Dividends, from
3 per cent. Consols	Tu W Th F	May 1	9 to 11, and from 1
Ditto, 1726	Tu Th	Nov. 1	to 3; and for 3 per
New 3½ per cent.	Tu W Th F	May 1	cent. Consols, from
Imperial 3 per cent.	M W F	1	9 to 3 every day.
Imperial Annuities	Tu Th S	1	Interest due, Mar. 31, Sept. 30.
Irish 5 per cent.	Tu Th S	25	Hours of Transfer,
Irish Ann. 1794, 1795	Th S	25	from 12 to 1; for
SOUTH SEA Stock	M W F	Jan. 5	receiving Dividends,
3 per cent. New Ann.	Tu Th S	July 5	from 9 to 2.
3 per cent. 1751	Tu Th S	Apr. & Oct.	
Ditto Old Annuities	M W F	Jan. 5, July 5	
INDIA Stock	Tu Th		
India Bonds			

Private Transfers may be made at other times than as above, by paying 2*s.* 6*d.* extra at the Bank and India House, and 3*s.* 6*d.* extra at the South Sea House.

HOLIDAYS AT THE BANK.

There are now only four, viz. Christmas Day, Good Friday, May 1, and Nov. 1. Of these the first two only are observed at the Dividend Office.

Chronology OF REMARKABLE OCCURRENCES.

1066	Norman Conquest.	1803	War with France renewed, after a peace of 14 months.
1116	First Parliament of two Houses.	1804	Buonaparte made Emperor.
1185	Ireland conquered by the English.	1805	Battle of Trafalgar.
1301	Edward I. reduced Scotland.	1805	Deaths of Mr. Pitt and Mr. Fox.
1369	Wickliffe began the Reformation.	1807	English take Copenhagen; Treaty of Tilsit; Portuguese Government emigrate to the Brazils; Gas Lights instituted.
1492	Columbus discovered America.	1809	Jan. 16, Battle of Corunna.
1581	Sir Wal. Raleigh discovered Virginia.	1812	Moscow burnt.
1588	Spanish Armada destroyed.	1813	War with America; Revolution in Holland; Pr. of Orange recalled.
1603	Plague in London; died 56,570.	1814	Severe frost; Allies invaded France; Capitulation of Paris; Buonaparte abdicated, and went to Elba; Emperor of Russia, King of Prussia, &c. visited London; Peace proclaimed.
1605	Popish Gunpowder Plot, Nov. 5.	1815	Buonaparte returned to France; BATTLE OF WATERLOO; Surrender of Paris; Return of Louis 18; Buonaparte exiled to St. Helena, where he died May 5, 1821.
1610	Jupiter's Satellites discovered.	1816, 1817, 1819,	Vauxhall, Waterloo, and Southwark Bridges opened.
1611	New Translation of the Bible, by Royal Authority.	1820	GEORGE III. died, Jan. 29.
1614	New River brought to London.	1825	South America independent.
1616	Shakspeare died.	1825	Independ. of Hayti acknowledged.
1625	Plague in London; died 34,517.	1827	Battle of Navarino, Oct. 20.
1632	Fire on London Bridge, Feb. 11.	1828	Repeal of the Test and Corporation Acts.
1649	King Charles I. beheaded, Jan. 30.	1829	April 13, Catholic Relief Bill passed.
1653	Cromwell made Protector, Dec. 12.	1830	June 26, GEORGE IV. died, aged 68; Accession of WILLIAM IV.
1655	George Fox, first of the Quakers.	1830	July, Algiers taken by the French.
1658	Oliver Cromwell died, Sept. 3.	1830	July 27, Revolution in France; Abdication of Charles X.; the Duke of Orleans declared King; Revolution at Brussels.
1660	Charles II. restored, May 29.	1831	July 21, Leopold, of Saxe Coburg, installed King of the Belgians.
1662	Royal Society instituted.	1831	July 21, Emperor of Brazil abdicated.
1665	Burning of London, Sept. 2.	1831	Aug. 1, London Bridge opened; first stone laid June 1, 1825.
1669	Royal Exchange first opened.	1832	March 21, General Fast on account of the Cholera.
1670	Prince of Orange arrived.	1832	Reform of Parliament Bills passed.
1672	Halfpence & Farthings first coined.	1833	Prince ORTHO, of Bavaria, chosen King of Greece; Don Pedro invaded Portugal; Miguel's Fleet taken by Captain Napier; Slave Emancipation Bill passed.
1677	Pr. of Orange married Mrs. Mary.	1835	Sept. Municipal Corporations Act.
1678	The Popish Plot discovered.	1836	New Marriage Act passed.
1679	The Habeas Corpus Act passed.	1837	WILLIAM IV. died June 20; Queen VICTORIA succeeded.
1688	7 Bishops sent to the Tower, June 8.	1838	January 10, Royal Exchange burnt.
1688	King James II. abdicated, Dec. 12.	1838	June 28, Queen VICTORIA crowned.
1689	William & Mary crowned, April 11.	1840	Feb. 10, Queen m. to Prince Albert.
1693	Bank of England established.	1841	Sovereignty of New Zealand claimed by England.
1704	Gibraltar taken by Sir Geo. Rooke.	1842	May 5, A Fire at Hamburg, destroying one-third of the City and three Churches.
1707	England and Scotland united, May 1.		
1727	Sir Isaac Newton died, March 20.		
1727	Earthquake in several parts of England.		
1745	A Rebellion in Scotland.		
1746	Battle of Culloden, April 16.		
1750	Westminster Bridge finished.		
1752	Style and Calendar altered, Sept. 2.		
1755	Lisbon destroyed by an Earthquake.		
1755	General Warrants declared illegal.		
1775	American War declared, Aug. 23.		
1776	Americans declare their Independ.		
1778	War against France.		
1779	War against Spain.		
1780	War against Holland.		
1783	A General Peace.—Fiery Meteor passed over England, Aug. 18.		
1784	Establishment of Mail Coaches.		
1792	France a Republic.—King of Sweden shot by Ankerstrom.		
1793	King & Queen of France guillotined.		
1796	Great Earthquake at Lisbon.		
1797	Ireland invaded by the French: Suspension of Cash Pays. at the Bank.		
1798	Battle of the Nile, Aug. 1.		
1799	Buonaparte made First Consul.		
1801	Union with Ireland.—General Peace.		
1801, 1802, 1803.	The Planets <i>Ceres</i> , <i>Pal-</i> <i>lus</i> , and <i>Juno</i> discovered.		

AN ACCOUNT OF
THE ECLIPSES OF THE SUN AND MOON,

*And other Appearances in the Heavens, in the Year 1843,
the Result of careful Calculations from the most correct
and approved Data relative to the Celestial Bodies.*

AstroNOMY! hail, Science heavenly born!
Thy schemes the life assist, the mind adorn,
Thy aids the heavens' sealed volumes wide impart;
It taught the seaman first his useful art;
Gave changing seasons their determined space,
And fixed to hours and years their measured race.

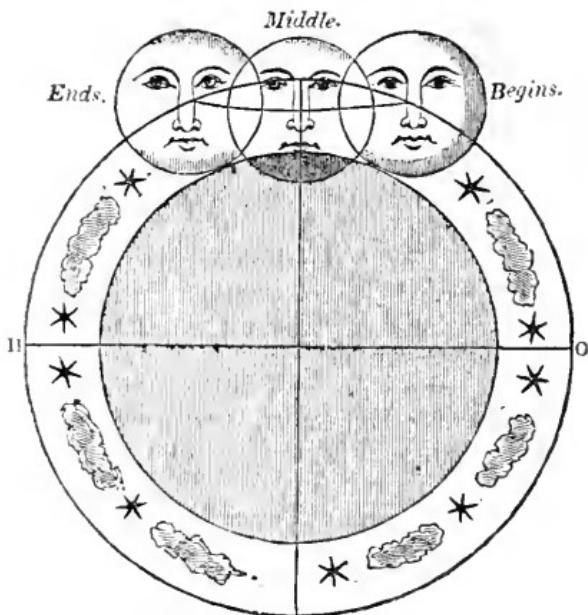
This most delightful, this noblest of the sciences, subjects, as it were, the economy of the universe to our contemplation: it enables us to obtain a nearer acquaintance with the most numerous, the most stupendous and magnificent scenes in the whole creation; to trace out their mutual intercourses, their certain and determined motions, their regular returns, their stated periods: to discover the inviolable laws which regulate the heavens, and the admirable harmony which pervades the universe: while we are thus engaged, while we are permitted *to scale the ethereal towers, and freely range through the celestial fields*, is it possible that we should not be impressed with a sense of the unlimited power, unbounded wisdom, and infinite goodness of the adorable Creator and Governor of the mighty fabric of Nature?

On carefully examining the motions of the Earth and Moon, I find that the shadow of the latter will twice pass over certain portions of the surface of the globe, and the Moon will be once partially immersed in the umbra of the Earth, within the limits of the present year. Hence there will be *two* Eclipses of the Sun, and *one* of the Moon.

1. The *first of these phenomena* is an *annular* Eclipse of the Sun, which happens on *Tuesday*, the 27th of *June*; but no part of the lunar penumbra will pass over *Great Britain*, and of course the eclipse will be *invisible* to us; the nearest approach of its boreal boundary being within 39° of north latitude. For the earth generally, this eclipse begins at 4h. 27m. 18s. p.m. in latitude $3^{\circ} 1' S.$, longitude $154^{\circ} 52' W.$, which falls in the *South Pacific Ocean*, not far from *Christmas Island*. The central appearance commences at 5h. 30m. 36s. in lat. $8^{\circ} 55' S.$, long. $168^{\circ} 8' W.$, which point is over the *South Pacific*, in the vicinity of *Navigator's Isle*. The eclipse now spreading itself over a great extent of the sea above named, the central annulus will, at 7h. 21m. 18s. p. m., come to the meridian over these waters, in lat. $5^{\circ} 30' N.$, long. $109^{\circ} 41' W.$ The central eclipse, after

having entered on the western coast of *South America*, will leave the earth in lat. $23^{\circ} 33'$ S., long. $55^{\circ} 48'$ W. to the north-east of *Assumption*, a city of *Paraguay*, which happens at 9h. 2m. 36s. p. m.; but the eclipse does not finally disappear till 10h. 5m. 54s., at which time it will have reached lat. $17^{\circ} 49'$ S., long. $68^{\circ} 44'$ W., when the last segment of the penumbra leaves our globe with the setting sun, to the east of *Arica*, a port town situate in the province of *Los Charcas* in *Peru*, among the *Andes* mountains, the summits of which are capped with perpetual snows! This eclipse will be visible to nearly the whole of *South America*. A very small obscuration on the sun's lower limb may be perceived on the western shores of the *Falkland Islands*.

2. The second Eclipse is a small, partial, visible one of the Moon, about midnight, on *Wednesday*, the 6th of *December*. The following representation for *Greenwich* will serve, without sensible error, the whole island of *Great Britain*.



The following are the Mean Times of this Eclipse, according to the respective meridians of the places here mentioned:—

Eclipse of the Moon, Dec. 6th, p. m.	Greenwich.	Margate.	York.	Liverpool.	Falmouth.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.
Beginning - - -	11 18 0	11 23 31	11 13 43	11 6 5	10 57 41
Ecliptic § - - -	12 0 48	12 6 19	11 56 31	11 48 53	11 40 29
Middle - - -	12 11 6	12 16 37	12 6 49	11 59 11	11 50 47
End - - -	13 4 12	13 9 43	12 59 55	12 52 17	12 43 53

Digits eclipsed on the Moon's southern limb = 2 dig. 25' 26".

At the beginning of this eclipse the Moon will be vertical in lat. $23^{\circ} 28' N.$, and long. $7^{\circ} 51' E.$, which falls between *Taboo* and *Ensala*, to the south-west of *Tripoli*, in *Africa*. At the middle she will be overhead in lat. $23^{\circ} 28' N.$, and long. $4^{\circ} 58' W.$, in the *Sahara* or *Great Desert of Africa*;—a region so destitute of water, that the caravans of camels which pass over it from *Morocco*, to traffic with *Negroland*, are half-loaded with water and provisions. As it produces scarcely anything to sustain life, there are no towns in it, but a sort of people like the *Arabs*, who live in tents; and being acquainted with the few springs which there are, wander from one part of the country to the other, as they expect to meet with water and food for their cattle. They are not black, but of an olive complexion: their language *Arabie*, and their religion *Mahomertanism*, supposed to be the descendants of those *Arabs* who subdued *Africa* soon after the death of their prophet *Mahomet*. At the termination of the eclipse, the Moon will be in the zenith, in lat. $23^{\circ} 29' N.$, and long. $17^{\circ} 47' W.$, in the *North Atlantic Ocean*, between the *Canary* and the *Cape Verd Islands*. This eclipse, therefore, will be visible from beginning to end to the whole of *Africa* and *Europe*; and will extend beyond the *Atlantic*, to all *South*, and the eastern and northern parts of *North America*. At *Paris*, this eclipse begins at 11h. 27m. 22s.; middle at 12h. 20m. 28s., and the end at 13h. 13m. 34s. This I add, to gratify my numerous kind friends in that splendid city.

3. We now come to the *third and last* Eclipse of the present year, which is a total one of the Sun, on *Thursday* the 21st of *December*, long before sunrise, and of course invisible to us. This eclipse enters upon the earth at 2h. 28m. 36s. *A. M.*, in lat. $12^{\circ} 42' N.$, long. $57^{\circ} 55' E.$, in the *Arabian Sea*. The central and total eclipse commencing in the midst of *Arabia*, between *Mecca* and the *Persian Gulf* (lat. $23^{\circ} 29' N.$, and long. $47^{\circ} 12' E.$), quickly passes from thence across the ocean; it enters upon *Cape Comorin*, its course is continued along the northern coast of the island of *Ceylon*, over the *Bay of Bengal*, across *Malacca*, the most southerly part of the *Further Peninsula of India in Asia*; and I find that the Sun will be totally and centrally eclipsed at noon-day, at 5h. 8m. 18s. in lat. $3^{\circ} 27' N.$, and long. $102^{\circ} 26' E.$, which falls in the middle of the *Gulf of Siam*. The central eclipse, directing its course from thence over the *Chinese Sea*, and *Luconia*, one of the principal of the *Philippine Islands*, enters the *Pacific Ocean*, where, at 6h. 32m. 24s. in the morning, according to *Greenwich* mean time, it leaves the globe, in lat. $34^{\circ} 18' N.$, and long. $154^{\circ} 19' E.$ The observation now gradually becomes less and less, and at 36 min. past 7 *A. M.* the solar circle is again complete, and the eclipse is no more seen.

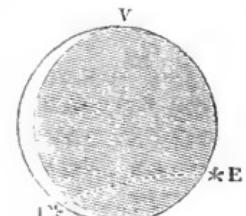
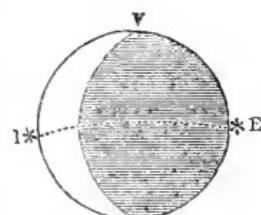
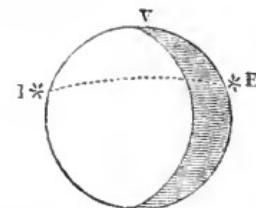
From the above calculations, it is evident that this eclipse will be very large throughout *Ceylon*, at *Madras*, the *Nicobar*

Isles, &c. The eclipse will be visible at *Bombay*, in every part of *Sumatra*, *Borneo*, the island *Formosa*, &c.

LUNAR OCCULTATIONS.

Sweet is night's cloudless face, when scarce a breeze
Disturbs the silent surface of the seas ;
Then let my wondering soul with rapture gaze,
And read thy works, Creator, with amaze !
Cast off awhile the load of earthly cares,
And view the Eternal in yon round of stars.
Yonder the Moon in borrowed brightness glides,
Illumes the earth, and elevates the tides :
Thousands of starry worlds bestow their light,
And, twinkling, beautify the face of night :
Worlds amid worlds round suns most distant roll ;
The thought perplexes, but uplifts the soul.

It is not unreasonable to suppose, considering the great distance of the fixed stars from our earth, that any one of them is at least a million times larger than the moon, notwithstanding they seem only like twinkling points, scattered through the wide fields of immensity, while the moon appears a large and mighty orb :— This, my friends, you are aware, arises from the *nearness* of that luminary to our globe, which exceeds that of every other celestial object. Hence the Moon, in her orbital motion, not only occults or hides from view the fixed stars, but also the planets of our own system. The following are the principal occultations that will occur during the revolution of the present year :—



The *first* occultation that claims our notice is of the star *e* in Ω : it happens on the 20th of *January*, in the morning, when the immersion takes place at 5h. 0m., and the emersion at 6h. 1m., the star disappearing behind the light border of the moon, 79° from her vertex, and reappearing at the dark edge 59° from the said point, agreeably to *Type 1* on this list.

The next is of the planet *Saturn*, on the 25th of *February*, in the morning ; immersion at 6h. 33m. ; emersion at 7h. 53m. The planet enters on the light border of the moon when 98° from her vertex, and leaves at the dark edge when 91° from the same, as exhibited by *Fig. 2*.

On the 27th of *February*, in the morning, the planet *Mercury* is occulted; immersion at 6h. 28m., and emersion at 7h. 22m.; the former happens at 142° , and the latter at 123° from the moon's uppermost point. See *Fig. 3.*

On the 16th of *March*, early in the morning, the star *e* in Ω is again occulted; immersion at 0h. 52m., and emersion at 1h. 58m., the star vanishing at 117° from the moon's vertex, and becoming visible at 87° from that point, according to the above type.

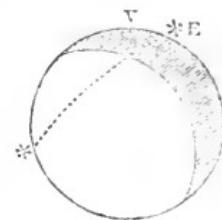
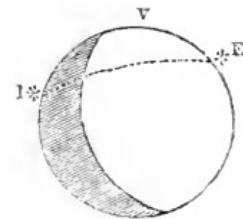
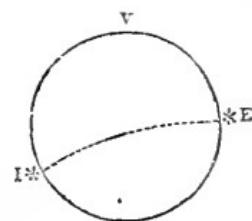
NOTE.—The moon being about the full, a good telescope will be necessary to see the star.

The last-mentioned star is again occulted by the moon on the 9th of *May*, in the evening; immersion at 8h. 39m.; and emersion at 9h. 39m. The star enters the moon's border when 86° from her vertex, and leaves it when 43° to the right of the same, as may be seen in the diagram annexed.

The next occultation is of the star *Zeta* in Π , and happens on the 12th of *November*, very early in the morning. The immersion takes place at 0h. 16m., 107° from the moon's upper limb; and the emersion at 1h. 21m. 29° from the vertex, as exhibited by the last of these types.

The last of these phenomena is another occultation of *e* in Ω , in the morning of the 17th of *November*; when the star immerses at 52 minutes past 4, and emerges at 54 minutes after 5.

NOTE.—The preceding computations are made for the latitude and meridian of the Royal Observatory, Greenwich. I. in the types implies the place of immersion, and E. that of emersion; V. the moon's vertex, or uppermost point.



CELESTIAL PHENOMENA.

The Times when the Planets are in the most favourable Positions for Telescopic Observation; together with other interesting Particulars pointed out relative to these Celestial Bodies. Also some Remarks on the Constellations, &c.

The system rolls entire: from the dark bourne
Of far Uranus, wheeling wide his round
Of eighty years; to Mercury, whose disc
Can scarce be caught by philosophic eye,
Lost in the effulgence of the solar blaze.

§. MERCURY, the nearest known planet to the sun, may be seen near the western horizon soon after sunset, on or about *January 30th, May 24th, and December 31st*: the same to the eastward a little before sunrise, on *July 12th, and October 31st*.

This planet will appear very near *Venus* on the 12th and 13th of *July*, and near *Saturn* on the last day in the year.

♀. VENUS, though the most brilliant star in the heavens, is not well situated for observation this year: the best times for viewing her by unassisted vision will be in the mornings of *January, February, and July*; and in the evenings of the last two weeks of *December*. This planet will be in conjunction with *Saturn* on the 28th of *February* and the 26th of *December*, and with *Jupiter* on the 24th of *March*. Through a good telescope Venus will appear a fine large crescent in *January*, and in *December* exhibit the appearance of a little full moon.

♂. MARS may be seen in the mornings in the early part of the year, and the evenings of the Autumn months. He will be at his least distance from the earth in *June*, when he will appear with a large and ruddy disc, near the south-eastern horizon; arresting the attention of my country friends, who may happen to be in the open air late in the evenings at that delightful season of the year. This planet may be seen in ♀ with *Saturn* on the 17th of *October*, and with *Jupiter* on the 1st of *December*.

♀. JUPITER will appear very splendid, even to common observers, in the evenings, from the middle of *August* to the end of *December*. During which period his belts and satellites will be interesting objects to the young astronomer.

For signal honour made, behold ! afar,
Four radiant moons surround the imperial star ;
Full-orbed or crescent, their soft silver light
Gladdens his regions in the gloomy night :
Nor this the fancy of deluded eyes ;
Marked are their periods through sublimer skies :
Oft does the astronomer his tube display,
And view them in eclipse with pleased survey :
To this the curious their discovery owe,
And light's swift motion, and its measure know.

♃. SATURN will be in opposition to the Sun on the 15th of *July*; therefore, his situation in the heavens, with respect to the Earth, will be advantageous for observation during *July, August, and September*: at the same time, if the telescope be a good one, and will bear a considerable power, this planet, and its extraordinary ring, will present rather a novel sight to those who may not be accustomed to observations of this kind.

♄. URANUS is in opposition to the Sun on the 24th of *September*. The greatest semi-diameter of *Mars* this year will be 10"; that of *Jupiter*, 23"; and that of *Saturn*, 8". The

greatest horizontal parallax of *Mars* = $19''$; that of *Jupiter*, $2''$; and that of *Saturn*, $1'$. Hence the earth must appear very small from the last-mentioned planet.

ARCTURUS, a large star in *Bootes*, of a reddish hue, somewhat like *Mars*, is due south on the 24th of *May* at 10 o'clock at night, and on the 8th of *June* at 9 in the evening: on the 31st of *December* the same star is on the meridian at half-past 7 in the morning.

SIRIUS, a bright white star in *Canis Major*, the Great Dog, is due south on the 15th of *January* at 11 o'clock, and on the 14th of *February* at 9 at night. This star, and the splendid constellation *Orion* near it, greatly beautify the southern skies in the winter season. The notable northern constellations, *Ursa Major* (the Great Bear), called in *Yorkshire* and other counties *Charles's Wain*, and *Cassiope* (Lady in the Chair), appearing like the letter *W.*, are visible every clear night throughout the year. I mention these matters to those of my readers who are just beginning to think about astronomy.

Watch with unmoving eye where Cepheus bends
His triple crown, his sceptered hand extends ;
Where studs Cassiope with stars unknown
Her golden chair, and gems her sapphire zone :
Where with what convolution Draco holds
The ecliptic axis in his scaly folds ;
O'er half the skies his neck enormous rears,
And with immense meanders parts the Bears ;
Onward the kindred bears, with footsteps rude,
Dance round the pole, pursuing and pursued.

There are several persons who are pleased with many of the remarks which astronomers make respecting the constellations of heaven, &c.; yet when they speak of the stars being probably suns, and consequently the centres of planetary worlds, they are ready to raise a variety of objections, and almost deem the thing impossible: to such I would say,—

Come forward then,—yon azure round survey.
And view those lamps which yield eternal day :
Bring forth your glasses—clear your wondering eyes, }
Millions beyond the former millions rise— }
Look further—millions more burst from remoter skies! }
And can those everlasting founts of light,
Bodies immensely great, divinely bright,
Serve for no end at all, or but to blaze
Through empty space, and useless spend their rays ?
Consult with reason,—reason will reply,
Each lucid orb that glows in yonder sky
Informs a system in the boundless space,
And fills with glory its appointed place ;
With beams unborrowed brightens other skies,
And worlds, to you unknown, with light and life supplies.

METEOROLOGICAL OBSERVATIONS, ETC.
Relating to the Year 1841; with some Remarks on the
BAROMETER, THERMOMETER, ETC.

COURTEOUS READER:

THE following summary of the weather is chiefly taken from a correct journal kept at *Greenwich* in *Kent*, and from another kept at *Thwaite*, in the county of *Suffolk*.

JANUARY came in with a trifling thaw, of short continuance; on the 3d, about seven o'clock in the morning, *Greenwich* and neighbourhood were visited by a tremendous storm of thunder and lightning, attended with wind and hail:—the thunder was extremely loud, and resembled a discharge of a park of artillery, and the flashes of lightning were frequent, and extremely vivid; during the raging of the storm, *Streatham* church in *Surrey* was struck by the electric fluid, and set on fire; also the beautiful spire in *Spitalfields*, *London*, was much injured by the same powerful element. This storm was severe at *Windsor*, *Maidstone*, and various other places—a very unusual phenomenon in the depth of winter; and was immediately followed by severe weather, with snow at times, and thick rime for several days, beautifying the trees in an unusual degree. On the morning of the 8th, an external thermometer elevated five feet from the ground, was down to 6° at *Thwaite*; at *Greenwich*, the minimum temperature at that time was 10°. Early on the morning of the 9th, the outdoor thermometer at both *Greenwich* and *Thwaite* was as low as 4°; at *Kensington* it was at 1°; and at *Epping*, on the snow, it was at zero! Towards midnight, and early in the morning of the 10th, much snow and wind at *Greenwich*; also heavy snow, with the wind easterly, on the 13th and 14th. On the 16th, a rapid thaw took place, which caused great floods, and loss of life, &c. After which, changeable weather (though often frosty), to the end of the month. FEBRUARY, to the 11th day, was attended with severe frost and piercing gales from E. and N.E., during which period the thermometer never once got so high as the freezing point: at that place much snow fell on the 1st, 2d, and 4th; but at *Thwaite*, heavy falls of snow on the 3d and 8th. On the 9th and 10th the river *Thames* abreast of *Greenwich* was, at the time of high water, completely covered with large masses of ice. The latter half of the month was mild, and introductory of spring. MARCH began rather stormy, but after the 5th it was unusually warm and fine, with brilliant sun for many days. At *Thwaite* on the 9th, the thermometer was at $64\frac{1}{2}^{\circ}$; on the 15th and 16th, 67°; and on the 25th and 26th, 66° in the shade. Maximum emperature for the month at *Greenwich* occurred on the 26th, which was 65°; the mean temperature of the month at that place was nearly 47°! Some thunder-storms, in different parts of the kingdom, happened about the time of the equinox, and

the month ended cooler. APRIL was at times showery, but generally fine, and often very warm; the 27th, 28th, and 29th were remarkably bright and hot; thermometer at *Thwaite*, 80° in the shade! but at *Greenwich* it did not exceed 73°. MAY, at *Greenwich*, was at times squally and showery, at other times, warm and pleasant. On the 2d, heavy showers, with thunder. The afternoon of the 27th was hot, the thermometer reaching 79°; very much lightning from 3 p. m. till midnight, and loud thunder at intervals: heavy hail in *Berkshire* during the same night, which caused much damage by breaking windows, destroying plants, &c. At *Thwaite*, this month was beautifully fine, and extremely hot, with little intermission throughout, particularly during the last ten days; the thermometer on five days rose up above 80°, and on the 28th reached 86°!! JUNE commenced with pleasant weather; but after the 4th, a period of extremely cold northerly winds with a winterly-looking sky set in, which continued until the 17th day. On the morning of the 16th ice was seen on the ponds in the neighbourhood of *Epping*, in *Essex*; the minimum temperature at that place on the 7th was 36°; on the 13th, 33°; and on the 14th, 35°; but at *Greenwich* on the same days, it was about 7° higher. The last ten days were attended with squalls from the S. W., and frequent showers of rain. On the 19th, 24th, and 27th, thunder at *Greenwich*. JULY was remarkably cold, considering the season of the year; was generally wet, the rain often descending in torrents, which greatly damaged the hay in *Kent* and *Essex*, and other districts. Thunder-storms at *Greenwich* on the 9th and 15th; on the latter day frequent heavy showers of rain and hail; on the afternoon of the 29th small hail without thunder, which showed the extreme coldness of the atmosphere; on the same day, in the mountainous parts of the west of *Yorkshire*, snow was observed to fall. Hail and thunder at *Thwaite*, on the 31st, when we had ☐ ⊖ 6. AUGUST was showery to the 15th day, after which it was chiefly fine and warm to the end; on the 27th the maximum temperature at *Thwaite* was 85°, but at *Greenwich* only 79°; again on the 29th, at the former place, it was 82°, at the latter, 81°. SEPTEMBER commenced fine and warm; the 3d was unusually hot, with thunder in the afternoon; and in the evening, thunder, with vivid lightning and heavy rain, in the neighbourhood of *London*, &c. Thunder also on the 24th. The 4th and 5th were very cold; the former day was windy and rainy; the morning of the 6th was frosty. From the 10th to the 20th clear bright weather, and often very hot; favourable for the harvest in the northern parts of the kingdom. Maximum temperature on the 12th, at *Thwaite*, 81°, at *Greenwich*, 79°. After the 21st, very heavy rains to the end. On the 25th, a fine halo appeared round the moon, and two mock-moons were seen; the *Aurora Borealis* appeared at various times during the evening and night,

when the magnetic needle was disturbed in a very extraordinary manner, both in declination and dip. The barometer was very low on the 29th, being at 29.15 inches. OCTOBER was extremely wet throughout : the rain often fell in torrents, and flooded the low lands, where the farmer was unable to sow the winter wheat. On the 1st, a thunder-storm at Ipswich at 1 p. m., after which a water-spout made its appearance. On the 11th *Dartmouth, Plymouth*, and *Falmouth* were visited with a tremendous storm of thunder, awful lightning, hail, and heavy rain. On the 21st, a great fall of snow in *Lancashire, Derbyshire*, &c., and the *Welsh*, the *Westmorland*, and the *Cumberland* mountains put on their wintry garb. On the 22d, a sharp frost ; the thermometer at *Greenwich* was down to 29°. On the 23d, a heavy gale at *Portland*, &c. NOVEMBER was, from the 2d to the 12th, dry and pleasant, afterwards variable, and at times winterly. Snow on the 14th and 18th : on the 17th, the thermometer at *Greenwich* was 12° below the freezing point. The last ten days were often boisterous, with heavy falls of rain. DECEMBER came in mild, with the temperature high ; some heavy rain on the 3d and 6th ; on the 18th, 19th, and 21st, hard frosty weather, with showers of snow ; minimum temperature at *Thwaite* 24°, at *Greenwich* 21°. The last week was very changeable ; sometimes frosty, at other times rainy ; the wind on the surface of the earth W. and S.W. and sometimes S., but the clouds all moved from the N., showing that the wind at a short elevation from the earth blew from that quarter.

Judicium Astrologicum, pro Anno 1843.

*VOX CÆLORUM, VOX DEI: The Voice of the Heavens
is the Voice of God.—He speaketh in all the Changes of the
Seasons and of the Times.*

COURTEOUS READER :

WE live in eventful times,—which must awaken in every reflecting mind very serious thoughts, as well as painful sensations. Our own country pressed with a heavy debt, and burthened with taxes :—involved in a protracted war with the *Chinese*, and just emerging from the slaughter and destruction of human life in *India*!—the great losses sustained by our merchants, and other persons, by the late awful conflagration of *Hamburg* :—our working classes suffering under great privations from the want of employment ; for how distressing to the feelings of those who are anxious to gain an honest livelihood by the sweat of their brow, but cannot succeed in their very reasonable desires ! Add to these the unsettled state of the *French* people, and the dissatisfaction of the inhabitants of *Spain*, and other nations under heaven. It appears that the Almighty has a controversy with the kingdoms of the earth, and is about to bring some great and

important changes, which, for a season, will involve great suffering, but in the long run will produce a better state of things, leading to the fulfilment of that prophecy of sacred writ, "Righteousness shall cover the earth as the waters the face of the deep."

"God moves in a mysterious way, His wonders to perform ;
He plants his footsteps in the sea, and rides upon the storm ;
Deep in unfathomable mines of never-failing skill
He treasures up his bright designs, and works his sovereign will."

THE HIEROGLYPHIC.



ASTROLOGICAL PREDICTIONS.

Of the Winter Quarter, called the Brumal Ingress.

THIS begins when the Sun enters the first scruple of the tropical sign, *Capricorn*, and which that luminary will do on *Tuesday* the 22d of *December*, 1842, at 55 minutes past 4 o'clock in the morning, when 22° of II will ascend in the east, and 13° of III occupy the cusp of the *Medium Cæli*. The moon in Ω , near *Regulus*, will be seen diffusing her borrowed lustre in the south-west, and δ , not far from *Spica III*, in the south-eastern skies, will exhibit his sanguine orb. The rest of the celestial wanderers are all below the horizon, in the second mundane house. Though there is nothing particularly striking in this ingress, yet, upon the whole, I think it will prove a season of general struggle and anxiety. The *New Tax* of the memorable 1842 will begin to show itself to the oppression of honest individuals with large families, &c., whose income just rises within the reach of its talons; whil't its claws will drag out the treasures of those who plead poverty to elude their just creditors, their reasonable claims. This winterly season pinches the poor, whom the rich *ought to remember!*—Man is so constituted by his Maker

that he can only, properly speaking, receive good by doing good: hence sordid minds are not happy, and with all their self-seeking they have no real regard for themselves: this may seem a paradox, but, nevertheless, it is a fact. *True* self-love prompts to the cultivation of our minds, and the rectification of our hearts, the result of which is as follows:—

Self-love but serves the virtuous mind to wake,
As the small pebble stirs the peaceful lake :
The centre moved, a circle straight succeeds,
Another still, and still another spreads:—
Friend, parent, neighbour, first it will embrace ;
His country next, and next all human race :
Wide, and more wide, the o'erflowings of the mind
Take every creature in of every kind ;
Earth smiles around with boundless bounty blest,
And Heaven beholds its image in his breast.

Of the VERNAL, or SPRING Quarter of 1843.

THIS quarter takes place when the Sun enters the equinoctial sign *Aries*, which happens this year on *Tuesday*, the 21st of *March*, at 6h. 5m. 33s. in the morning, at which time the signs and the planetary bodies will be found to agree with the following figure.

SCHEMA CÆLI.



The reader will see from the above that $28^{\circ} 40'$ of γ will be ascending, and $29^{\circ} 30'$ of β will occupy the mid-heaven. At this ingress he will also see that the sun, although below the cusp of the ascendant, yet, raised by atmospheric refraction, will just be beginning to display his radiant glories in the orient horizon, and that all the planets are above the earth; the moon, near the cusp of the 9th house, which is

occupied by the body of ♂; ♪ in the 11th, and ♀, ♣, ♫, and ♪, all in the 12th; the two former (viz. ♀ and ♣), within orbs of a zodiacal ♂ in ♩. From the whole, I should infer we shall have some good intermixed with the evil, which will soothe the minds of many, and help them to bear up under crosses and disappointments; and hope, cheering hope, will point to better days and lovelier scenes. Some important marriages will be consummated, and several matters of an ecclesiastical kind will be looked into, and, I hope, some things connected therewith that are oppressive to Christian liberality will be abolished. During the early part of this season the weather is likely to be changeable, and trying to persons of weakly constitutions and sensitive nerves. Towards the close of this quarter ♂ will be in *perigee*, or at his nearest distance from the earth; in which position of this planet it has been observed that murders are more frequent, and of a more atrocious nature than at any other time. At the time of the murders of *Marr* and of *Williamson*, and also when *Chennell* murdered his own father at *Godalmin*, and *Hussey* destroyed *Mr. Bird* and his housekeeper at *Greenwich*, ♂ was in or near his perigee. The reader will keep in mind whether similar atrocities will take place at this period. I hope, however, that much of this evil will be counteracted by the benevolent planet ♦, that is approaching (though not very near) his perigee at the same time.

Of the ESTIVAL, or SUMMER Quarter.

How mildly morning blushes o'er the hills,
And all the scene with sweet enchantment fills !
Wide o'er the meads, the dales, and verdant ground,
The lavish zephyrs waft their fragrance round :
Full to the rising sun the purling streams
Reflect their banks, and sparkle to his beams ;
Each fluttering songster warbles from the spray,
And exultation greets the rising day :
The restless steed swells with luxuriant health,
The herds, the flocks, carouse in nature's wealth :
Where in gay wreaths the honeysuckle meets,
The humming bees imbibe their liquid sweets ;
One flowery rapturous scene adorns the land,
Which wanton nature gives with lavish hand.

THIS quarter dates its beginning when the earth has acquired her greatest deviation southward of the equator, and touches the first point of the tropic sign ♈, and presenting the inhabitants of our northern hemisphere with the greatest portion of day;—when the sun, that glorious lamp of heaven, comes nearest to our zenith, and, according to appearance, enters the tropic of ♈; which happens this year on *Thursday*, the 22d of *June*, at 3 minutes after 3 o'clock in the morning; when 19° of ♊ will cut the eastern horizon, and 13° of ♩ the southern angle;—the moon will be in □ to ♪, and hastening to a * with ♦; and, what is remarkable, *all* the planets at this juncture, excepting ♀ and ♪, are *retrograde*! Hence we may infer, notwithstanding the general fineness of the weather, and the enchanting beauties which *Flora* and *Ceres* unfold to our view,—that the political and moral departments in many of our neighbouring states, will wear a gloomy and winterly aspect. *Mars* seems, by his sauntering backward and forward, and standing still, in the dominions of ♦, to be plotting some mischief with that skilled archer; and if His

Holiness, the *Pope*, should hear the whizzing of one of his arrows over his head, let him bless his stars that the direction of the destructive weapon had not been of lower altitude ! I expect at this time, however, there will be much contention, if not bloodshed, in *Spain*, and other popish states, the people are sighing for greater liberty : Oh ! may they gain all that is reasonable without the interposition of WAR, that fell monster ! There is something so dreadfully cruel in war, that I cannot find language to express my horror at it.

Shepherds unskilled in war's accursed trade,
Torn from their cots, and human butchers made ;
Peasants, with hearts revolting at the sight,
Compelled to wield the spear, and dare the fight ;
Till war's infernal craft and wizard spell,
Transforms them, saints of light, to fiends of hell !

Of the Autumn Quarter.

This quarter commences when the sun enters the equinoctial sign Δ , and which I find, from careful calculations, to take place this year on *Saturday*, the 23d of *September*, at 10 min. past 5 in the afternoon; when 6° of \aleph will occupy the cusp of the ascendant, and 21° of φ the mid-heaven. *Mars*, at this ingress, has made his entry into φ , and is directing his course to old *Saturn*, and what may we augur will follow the δ of the two *malefics*, which is considered to be particularly evil, and to threaten the most serious consequences ? Undoubtedly we shall hear of dreadful losses by fire, thieves, treachery, and fraud ;—of fierce battles by land and sea ;—of elemental war, such as thunder, lightning, and tempest, &c.—especially from those regions under the *horned goat*, such as *India*, *Greece*, *Mexico*, *Saxony*, *Muscovy*, &c. In *Egypt*, complaints will probably arise from the deficiency of the waters of the *Nile*, which are supplied from the rains that fall from the mountains of *Abyssinia*; and these, I am led to think, will descend on other tropical districts this year. Let the intelligent *Pusha* of *Egypt* ponder on these important matters. The dark cloud which I named in 1841, as hanging over *Turkey*, is now rapidly increasing in opacity, and must shortly burst on its devoted head. Surrounding kingdoms are looking towards *France*, expecting, more than ever, some great political movement there. May the great Disposer of all events be pleased to direct the affairs of our own Nation to the good of the community at large, and bless and preserve our beloved Queen, &c. I now conclude my remarks on this quarter, and the year also, by giving my friends and countrymen the certain signs of prosperity :—

Where spades grow bright, and idle swords grow dull,
Where gaols are empty, and where barns are full ;
Where church-paths are with frequent feet outworn ;
Law court-yards weedy, silent, and forlorn ;
Where doctors foot it, and where farmers ride ;
Where age abounds, and youth is multiplied ;
Where these signs are, they clearly indicate
A happy people, and well-governed state.

FINIS.

OR, A LOYAL

FOR THE YEAR OF HUMAN REDEMPTION

BEING BISSEXTILE OR LEAP YEAR; AND THE EIGHTH
OF THE REIGN OF HER PRESENT MAJESTY:

CONTAINING,

AMONGST A GREAT VARIETY OF USEFUL MATTER,

THE EQUATION OF TIME FOR SETTING CLOCKS AND WATCHES; THE RISING
AND SETTING OF THE PLANETS; OCCULTATIONS; MUTUAL ASPECTS, ETC.

A Correct Tide Table;

A TABLE OF KINGS' AND QUEENS' REIGNS;

WITH ASTROLOGICAL OBSERVATIONS ON THE FOUR QUARTERS
OF THE YEAR; AND

A HIEROGLYPHIC ADAPTED TO THE TIMES.



LONDON:

BY G. WOODFALL AND SON, ANGEL COURT, SKINNER STREET;
AND SOLD BY GEORGE GREENHILL, AT THEIR HALL,
LUDGATE STREET.

PRICE SIXPENCE, STITCHED.

ALL hail! my friends—another year begins,
Oh! at this time let us forsake our sins;
And seek that mercy Heaven designs for those
Who turn from evil, and obey his laws;
With this new year let us new lives display,
Adore our God, and walk in Virtue's way.

M	W	D	D	⊕		☽	D's	☽ rises	
					A		& sets.		
1 M				o				h.	m.
2 Tu	Day br.	6	2	10	throat	11	4 m	8	The weather is
3 W	☽ sets	5	13 aft.	11	arms	12	5	11	♂ ♀ ☽; ⊕ in
4 Th	☽ sets	8	0 aft.	12	and	13	6	8	[perigee]
5 F	Twi. ends	6	8	13	should.	14	6	59	* ♀ ☽
6 S			12th Day	14	breast	F	rises		now somewhat
7				15	stom.	16	5 a	21	unsettled.
8 M	Pl. Mon.: Lucian			16	heart	17	6	37	
9 Tu				17	back	18	7	54	Some sharp
10 W	Day incr.	0	20	18	bowels	19	9	11	frosts about
11 Th	Hilary Term beg.			19	belly	20	10	29	this time.
12 F				20	reins	21	11	48	
13 S	Hil. Cam. T. beg.			21	loins	22	morn.		Cloudy and
14				22	Scor-	23	1	9	☽ elong. max.
15 M	Oxf. Term beg.			23	pio	24	2	29	cold, with fre-
16 Tu	♂ sets	9	56 aft.	25	domin.	25	3	49	* ⊕ ♂
17 W	Day	8	19 long	26	hips	26	5	2	☽ in ☽
18 Th	Prisca: Old 12th			27	thighs	27	6	3	quent showers
19 F			[Day	28	knees	28	6	53	of snow.
20 S	Fabian			29	hams	N	sets	♂ ⊕ ☽; * ⊕ ☽	
21			Agnes	☽	legs	1	5 a	45	* ♂ ☽; ♀ sta.
22 M	Vincent			1	aneles	2	7	1	♂ ♂ ☽ [♀ in per.
23 Tu	♀ sets	6	59 aft.	2	feet	3	8	14	Turbulent
24 W	Night	15	21 long	3	toes	4	9	25	weather for
25 Th				4	head	5	10	33	a few days.
26 F	♀ sets	5	28 aft.	5	and	6	11	40	♂ ♀ ☽
27 S	Day br.	5	50	6	face	7	morn.		Now serene
28				7	neck	8	0	47	and mild.
29 M				8	throat	9	1	52	
30 Tu				9	arms	10	2	56	♂ inf. ♀ ⊕
31 W	Hil. Term ends			10	and	11	3	56	* ☽ ☽
				11	should.	12	4	49	* ♀ ☽

Mean obliquity of the Ecliptic, Jan. 1st, $23^{\circ} 27' 35''$.

Jan. 1, 9th of Tebet; 2, 10th of Tebet, Siege of Jerusalem; 22, 1st of Sebat.

The 19 day, at 5^h 16^m aftern. Saturn } is in
 The 20 day, at 11 43 aftern. Mercury } ecliptic
 The 21 day, at 10 18 aftern. Venus } conjunction
 The 22 day, at 4 15 morn. Jupiter } with the
 The 24 day, at 1 32 aftern. Mars } Moon.

M			Moon	
D			South.	
1 3	9 3	59	8 a 53	THE depth of Rain in Jan. 1842, at Allenheads, was 1.889 inches; Birmingham, 2.025; Epping, 1.552; Gosport, 2.106; Greenwich, 1.072; Harraby, 2.331; Kendal, 3.503; North Shields, 2.976; Starfield, 1.267; and Thwaite, 0.37. This month was colder than usual, its mean temperature at Greenwich being only 32°.2. See the predictions in my Almanack for the year 1842, page 3.
2 8	9 4	0	9 43	
3 8	8 4	1	10 35	
4 8	8 4	2	11 27	
5 8	8 4	3	morn.	
6 8	8 4	4	0 19	
G 8	7 4	5	1 10	
8 8	7 4	7	1 59	
9 8	6 4	8	2 48	
10 8	6 4	10	3 36	
11 8	5 4	11	4 25	
12 8	5 4	12	5 14	
13 8	4 4	14	6 6	PLUVIAL ANTICIPATIONS.
G 8	3 4	15	7 1	RAIN or snow, more or less, about the
15 8	2 4	17	7 59	3d, 11th, 18th, 23d, and 29th days of
16 8	1 4	18	8 59	this month, the day before or the day
17 8	1 4	20	9 59	after.
18 8	0 4	21	10 58	
19 7	5 9	4	23 11	55
20 7	5 8	4	25 0 a 47	THIS year I again present my readers
G 7	5 7	4	27 1 36	with the monthly depth of Rain, as
22 7	5 5	4	28 2 22	taken at or near the surface of the
23 7	5 4	4	30 3 6	ground, in 1842, at Allenheads, Cum-
24 7	5 3	4	32 3 49	berland; fourteen hundred feet above
25 7	5 2	4	33 4 31	the sea; Birmingham, Warwickshire;
26 7	5 0	4	35 5 14	Epping, Essex; Gosport, Hampshire;
27 7	4 9	4	37 5 59	
G 7	4 8	4	39 6 45	Greenwich, Kent; Harraby, near Car-
29 7	4 6	4	41 7 34	lisle; Kendal, Westmoreland; North
30 7	4 5	4	42 8 24	Shields, Northumberland; Starfield,
31 7	4 3	4	44 9 16	near Liverpool; and Thwaite, Suffolk.

○ in perigee, 15th day; apogee, 27th day.

○'s semidiam. 1st day, 16° 17''; 11th, 16° 17''; 21st, 16° 16''.

VAST is the Power that formed this lovely ball,
 Immense the Being who presides o'er all;
 At his command from chaos order rose,
 He on creation harmony bestows :
 Let universal Nature then proclaim
 The glorious Author of this beauteous frame.

M	W		\odot		J's	J rises	
D	D		\approx		A	& sets.	
1	Th	Day br. 5 44	12	breast	13	5 m 35	Unsettled
2	F		13	stom.	14	6 13	and windy
3	S	<i>Blaise</i>	14	heart	15	6 45	weather may
4			15	back	F	rises	now be ex-
5	M	<i>Agatha</i>	16	bowels	17	6 a 54	pected, with
6	Tu	Twi. ends 6 51	17	and	18	8 14	rain or snow.
7	W	h rises 6 51 mo.	18	belly	19	9 34	δ ♀ h
8	Th	u sets 6 28 aft.	19	reins	20	10 56	* ♀ H
9	F	Day incr. 1 48	20	loins	21	morn.	
10	S		21	Scorpio	22	0 17	♀ stationary.
11			22	domin.	23	1 37	Dry and
12	M		23	hips	24	2 51	frosty for a
13	Tu	δ sets 10 2 aft.	24	thighs	25	3 55	few days.
14	W	<i>Valentine: O. Candl.</i>	26	knees	4 47	δ in ♀	
15	Tu	Day 9 54 long	26	hams	5 28	Now wind	
16	F	φ sets 8 16 aft.	27	legs	28	6 1	δ ♀ h
17	S	φ rises 6 7 mo.	28	ancles	29	6 25	δ ♀ H
18			29	feet	N	sets	* ♀ h
19	M	Night 13 51 long	x	and	1	7 a 5	and rain.
20	Tu		<i>Camb. T.d.n.</i>	toes	2	8 14	
21	W			2 head	3	9 22	* ♀ ♀
22	Tu	h rises 5 57 mo.	3	face	4 10	30	Frosty and
23	F	u sets 5 50 aft.	4	neck	5 11	37	φ in ♀; ♀ elon.
24	S		5	and	6	morn.	snowy. [max.
25				throat	7	0 42	
26	M	Day br. 5 2	7	arms	8	1 42	Slight rain :
27	Tu	δ sets 10 5 aft.	8	should.	9	2 38	mild for the
28	W		9	breast	10	3 26	season.
29	Th	φ sets 8 55 aft.	10	and	11	4 6	δ \odot u

JUPITER, u , will be an *Evening Star* until March 1st; then a *Morning Star* until Sept. 22d; and an *Evening Star* for the remainder of the year.

Moon's ascending node, ♀, Jan. 1st, $22^{\circ} \frac{1}{2} 14'$; Dec. 31st, $2^{\circ} \frac{1}{2} 55'$.
 Feb. 1st, 11th of Sebat; 21st, 1st of Adar.

The 16 day, at 6^h 58^m morn. Mercury } is in
 The 16 day, at 6 59 morn. Saturn } ecliptic
 The 19 day, at 1 12 morn. Jupiter } conjunction
 The 21 day, at 5 43 morn. Venus } with the
 The 22 day, at 3 37 aftern. Mars } Moon.

M		Moon	
D		South.	
			<i>The depth of Rain in Feb. 1842, at</i>
1	7 42 4 46	10 a 8	<i>Allenheads, was 2·471 inches; Birmingham,</i>
2	7 41 4 48	11 0	<i>Epping, 1·290; Epping, 1·639; Gosport,</i>
3	7 39 4 49	11 51	<i>Greenwich, 1·038; Harraby,</i>
G	7 37 4 51	morn.	
5	7 36 4 53	0 42	<i>Kendal, 2·716; North Shields,</i>
6	7 34 4 55	1 31	<i>Starfield, 0·484; Starfield, 0·741; and Thwaite,</i>
7	7 32 4 57	2 21	<i>0·96.</i>
8	7 30 4 59	3 11	Rain or snow, with wind, on or
9	7 29 5 0	4 3	near the 2d, 7th, 16th, 21st, and 28th
10	7 27 5 2	4 57	days of this month.
G	7 25 5 4	5 54	
12	7 23 5 6	6 52	
13	7 21 5 8	7 51	<i>Astrological Observations and Predictions relating to Mundane Affairs.</i>
14	7 19 5 10	8 49	
15	7 17 5 12	9 45	COURTEOUS READER.—Having been
16	7 15 5 13	10 38	permitted to see the year 1843 complete its revolution, you have marked
17	7 14 5 15	11 27	
G	7 12 5 17	0 a 14	
19	7 10 5 19	0 59	a variety of serious matters connected
20	7 8 5 21	1 42	with its motion; and these, having been
21	7 6 5 22	2 25	come deeply impressed on memory's
22	7 4 5 24	3 9	page, lead you to acknowledge that
23	7 2 5 26	3 53	there is a mysterious Providence at
24	6 59 5 28	4 39	work, bringing about great and im-
G	6 57 5 30	5 26	portant events to the inhabitants of
26	6 55 5 31	6 15	
27	6 53 5 33	7 5	our globe. You have not overlooked
28	6 51 5 35	7 56	the dreadful earthquakes that visited
29	6 49 5 37	8 48	the
<i>VENUS, ♀, will be an Evening Star until July 22d; and afterwards a Morning Star to the end of the year.</i>			

♦ in perigee, 9th day; apogee, 24th day.

⊕'s semidiam. 1st day, 16° 15''; 11th, 16° 18''; 21st, 16° 11''.

ALL space is conscious to the ruling Mind,
 Who happy reigns, unrivall'd, unconfined :
 Angels and men to him their beings owe,
 With different ranks of creatures here below :
 Let men and angels then his praise proclaim,
 Declare his goodness, and adore his name.

M	W		⊕		D's	D rises	
D	D		X		A	& sets.	
1	F	<i>David</i>	o				
2	S	<i>Chad</i>	X				
3							
4	M	Day br. 4 47	11	stom.	12	4 m 42	Windy, but
5	Tu	h rises 5 13 mo.	12	heart	13	5 9	not particu-
6	W	4 rises 6 34 mo.	13	back	14	5 34	larly cold.
7	Tu	<i>Perpetua</i>	14	bowels	F	rises	♀ in aphelion.
8	F	<i>Old St. Matthias</i>	15	belly	16	7 a 10	♀ in ♀
9	S	♂ sets 10 7 aft.	16	reins	17	8 34	Clear weather,
10			17	loins	18	9 59	with frosty
11	M	Twi. ends 7 49	18	Scorpio	19	11 22	mornings.
12	Tu	<i>Gregory</i>	19	domin.	20	morn.	□ ♂ h; * ♀ ♀
13	W	Day 11 39 long	20	hips	21	0 41	
14	Tu	♀ sets 9 39 aft.	21	thighs	22	1 48	Much down-
15	F	♀ rises 5 55 mo.	22	knees	23	2 45	fall at this
16	S	Day incr. 4 7	23	hams	24	3 28	time, with
17			24	legs	25	4 3	sudden
18	M	<i>Edw. K. W. Sax.</i>	25	and	26	4 29	squalls.
19	Tu	Night 11 57 long	26	aneles	27	4 51	□ ♀ h
20	W	h rises 4 17 mo.	27	<i>St. Patrick</i>	28	5 11	
21	Tu	<i>Benedict</i>	28	toes	29	5 30	* ♀ ♂
22	F	4 rises 5 38 mo.	29	head	N	sets	Showers of
23	S	♂ sets 10 10 aft.	30	and	1	8 a 16	hail or snow.
24			1	face	2	9 22	♂ ♀ 4
25	M		2	neck	3	10 27	♂ ⊕ H
26	Tu	Day br. 3 53	3	throat	4	11 30	Fair for a
27	W	♀ sets 10 19 aft.	4	arms	5	morn.	few days.
28	Th		5	and	6	0 27	♂ ♀ ♂; * ⊕ h
29	F	<i>Camb. Term ends</i>	6	should.	7	1 18	* ♀ 4
30	S	<i>Oxf. Term ends</i>	7	breast	8	2 1	
31			8	stom.	9	2 37	* ♂ 4
			9	heart	10	3 7	Rain or snow
			10	back	11	3 32	at the end.
			11	bowels	12	3 56	♂ ♀ H

March 1st, 10th of Adar; 4th, 13th of Adar, Fast of Esther; 5th, 14th of Adar, Purim; 6th, 2d day; 21st, 1st of Nisan.

The 14 day, at 6^h 6^m aftern. Saturn } is in
 The 17 day, at 7 15 morn. Mercury } ecliptic
 The 17 day, at 9 6 aftern. Jupiter } conjunction
 The 22 day, at 1 37 aftern. Venus } with the
 The 22 day, at 4 12 aftern. Mars } Moon.

M		Moon	
D		South.	
—	h. m. h. m.	h. m.	<i>The depth of Rain in March 1842,</i>
1 6 47 5 38	9 a 39	at Allenheads,	<i>was 5·188 inches; Bir-</i>
2 6 45 5 40	10 29	mingham, 2·690; Epping, 2·602; Gos-	
F 6 42 5 42	11 20	port, 2·237; Greenwich, 2·151; Har-	
4 6 40 5 44		morn.	
5 6 38 5 45	0 11	raby, 2·962; Kendal, 5·983; North	
6 6 36 5 47	1 2	Shields, 0·450; Starfield, 2·513; and	
7 6 33 5 49	1 55	Thwaite, 3·02.	
8 6 31 5 51	2 50	Rain or snow may be expected about	
9 6 29 5 52	3 48	the 2d, 12th, 16th, 21st, and 29th	
F 6 27 5 54	4 47	days of this month.	
11 6 25 5 56	5 46		
12 6 22 5 58	6 45		
13 6 20 5 59	7 41	the islands of the west, overwhelming	
14 6 18 6 1	8 34	thousands of human beings in the vor-	
15 6 15 6 3	9 23	tex of destruction:—the mighty ocean,	
16 6 13 6 4	10 10	enraged by furious tempests, frequently	
F 6 11 6 6	10 55	expanding its awful jaws and engulfing	
18 6 9 6 8	11 38	ship-loads of our fellow creatures!	
19 6 6 6 9	0 a 21		
20 6 4 6 11	1 4	—and then the grisly comet, which	
21 6 2 6 13	1 48	unfolded its enormous tail under the	
22 5 59 6 14	2 33	feet of Orion, and seemed to lash the	
23 5 57 6 16	3 20	same into the face of old Sirius, the	
F 5 55 6 18	4 8	Dog-star, while to equatorial regions,	
25 5 53 6 19	4 57	“He shook the spangles from his blazing	
26 5 50 6 21	5 47	hair!”	
27 5 48 6 23	6 37		
28 5 46 6 25	7 27	You have mused on these things	
29 5 44 6 26	8 17	and thought of the words of one of	
30 5 41 6 28	9 6	the ancient poets:—	
F 5 39 6 29	9 56		“Lo!

○ in perigee, 7th day; apogee, 23d day.

○’s semidiam. 1st day, 16' 9"; 11th, 16' 7"; 21st, 16' 4".

SUMMER and Spring return at his command,
Who spreads a table with a liberal hand ;
For birds, beasts, insects, he their food provides,
Directs the just, and o'er his fate presides ;
And bids the planets, in their mystic rings,
Their influence shed on all terrestrial things.

M	W		⊕	D's	D rises	-
D	D		⊗	A	& sets.	-
1	M	Day br. 3 36	12	belly	13 4 m 18	* ♀ h
2	Tu	h rises 3 29 mo.	13	reins	14 4 40	Passing
3	W	Rich. Bp. Chich.	14	loins	F rises	showers of
4	Th	Maun. Thurs.: St.	15	Scorpio	16 8 a 57	rain, sleet,
5	F	[Ambr.]	16	domin.	17 10 20	or snow.
6	S	Old Lady Day	17	hips	18 11 35	
7			18	thighs	19 morn.	♀ in perihelion.
8	M		19	knees	20 0 39	♂ sup. ♀ ⊕
9	Tu		20	and	21 1 27	
10	W	Twi. ends 8 53	21	hams	22 2 3	* ♀ H
11	Th	4 rises 4 27 mo.	22	legs	23 2 33	Now warm and
12	F	♂ sets 10 11 aft.	23	ancles	24 2 56	pleasant.
13	S	Day incr. 5 58	24	feet	25 3 17	♀ in ♀; △ ♀ h
14			25	toes	26 3 36	Hail showers:
15	M	Easter Term beg.	26	head	27 3 53	nights frosty.
16	Tu	Day 13 53 long	27	and	28 4 11	□ ♀ h
17	W	Oxf. & Camb. T.b.	28	face	N sets	♀ in perihelion.
18	Th	Night 9 59 long	29	neck	1 3 a 18	The weather
19	F	Alphege	♂	throat	2 9 21	now is
20	S	♀ sets 11 24 aft.	0	arms	3 10 21	somewhat
21			1	and	4 11 12	changeable.
22	M		2	should.	5 11 57	* ♂ H
23	Tu	St. George	3	breast	6 morn.	Intervals of
24	W				7 0 35	sunshine.
25	Th		5	heart	8 1 7	* ♀ 4
26	F	♀ sets 9 8 aft.	6	and	9 1 33	□ ♂ h
27	S	Day br. 2 15	7	back	10 1 57	□ ⊙ h
28			8	bowels	11 2 19	Passing show-
29	M	Twi. ends 9 46	9	belly	12 2 39	□ ♀ 4
30	Tu		10	reins	13 3 2	ers, and perhaps thunder.

April 1st, 12th of Nisan; 4th, 15th of Nisan, Passover;
5th, 2d day; 20th, 1st of Yiar.

The 11 day, at 3^h 14^m morn. Saturn
 The 14 day, at 3 25 aftern. Jupiter
 The 18 day, at 6 26 aftern. Mercury }
 The 20 day, at 3 43 aftern. Mars }
 The 21 day, at 5 45 aftern. Venus } is in
 ecliptic conjunction with the Moon.

M	D	Moon		
		h.	m.	South.
1	5 37 6	31	10 a 47	<i>The depth of Rain in April 1842, at Allenheads, was 0·684 inch; Bir-</i>
2	5 34 6	33	11 40	
3	5 32 6	35	morn.	
4	5 30 6	36	0 36	<i>mingham, 0·555; Epping, 0·326; Gos-</i>
5	5 28 6	38	1 34	<i>port, 0·600; Greenwich, 0·509; Har-</i>
6	5 25 6	40	2 35	<i>raby, 0·418; Kendal, 0·551; North</i>
F	5 23 6	41	3 37	<i>Shields, 0·404; Starfield, 0·496; and</i>
8	5 21 6	43	4 38	<i>Thwaite, 0·32.</i>
9	5 19 6	44	5 36	
10	5 17 6	46	6 30	Rain, snow, sleet, or hail, about the
11	5 14 6	48	7 21	3d, 11th, 16th, 24th, and 29th days.
12	5 12 6	49	8 9	"Lo! the red comet from Saturnus sent,
13	5 10 6	51	8 53	To fright the nations with a dire portent;
F	5 8 6	53	9 37	A fatal sign to armies on the plain,
15	5 6 6	54	10 19	And trembling sailors on the raging main."
16	5 3 6	56	11 2	You have also noticed the horrible
17	5 1 6	58	11 45	
18	4 59 7	0 0 a 30	battles in the East, and have felt	
19	4 57 7	1 1 16	pignant grief at the idea that for	
20	4 55 7	3 2 4	mere trifles the fair plains of India	
F	4 53 7	4 2 52	have been repeatedly drenched with	
22	4 51 7	6 3 42	the blood of the slain! You have de-	
23	4 49 7	8 4 31	tested the cruelty exhibited in the	
24	4 47 7	9 5 20	clanking of swords and the roaring of	
25	4 45 7	11 6 8		
26	4 43 7	12 6 56	cannons, and have longed for the	
27	4 41 7	14 7 44	speedy fulfilment of the words of sa-	
F	4 39 7	16 8 33	cred prophecy, "Nation shall not lift	
29	4 37 7	18 9 24	up sword against nation, neither shall	
30	4 35 7	19 10 18	they learn war any more."	
				So

☽ in perigee, 4th day; apogee, 19th day.

◎'s semidiam. 1st day, 16' 1"; 11th, 15' 58"; 21st, 15' 55".

Tu' aspiring mountains and the mossy rocks,
He stores with numerous herds and bleating flocks ;
With lovely corn the humble valley fills,
With herbs and fragrant flowers, and murmur'ring rills ;
The streams in sweet meanders gently play,
Or in a rapid torrent urge their way.

M	W		○	D's	♂ rises	
D	D		♀	A	& sets.	
					h.	m.
1	W		11	loins	14	3 m 26
2	Th	Day br.	12	Scorpio	F	rises weather: warm
3	F	<i>Inv. of the Cross</i>	13	domin.	16	9 a 10 * ♀ H
4	S	h rises 1 27 mo.	14	hips	17	10 22 sun and grow-
5			15	thighs	18	11 19 ♀ elong. max.
6	M	<i>Jno. Ev. à P. Lat.</i>	16	knees	19	morn. Δ ♀ h
7	Tu		17	hams	20	0 1 ing showers.
8	W	<i>Easter Term ends</i>	18	legs	21	0 34
9	Tu	Twi. ends 10	19	ankles	22	1 0 Now cold dry
10	F	y rises 2 44 mo.	20	feet	23	1 21 \square ♀ H
11	S	δ sets 10 3 aft.	21	and	24	1 41 easterly winds
12			22	toes	25	1 59 a few days.
13	M	<i>Old May Day</i>	23	head	26	2 18
14	Tu	♀ sets 11 49 aft.	24	face	27	2 38 ♀ elong. max.
15	W		25	neck	28	3 0 Pleasant wea-
16	Th		26	and	29	3 25 ther for themost
17	F	Day incr. 7 55	27	throat	N	sets h stat.; ♀ stat.
18	S	[Dunstan]	28	arms	1	9 a 7 * \odot 4
19			29	should.	2	9 56 part may now
20	M	Day 15 47 long	π	breast	3	10 36 be expected.
21	Tu	♀ sets 8 47 aft.	0	and	4	11 9 ♀ in ♀
22	W	<i>Trin. Term beg.</i>	1	stom.	5	11 37
23	Th	Night 8 5 long	2	heart	6	morn.
24	F		3	back	7	0 1 Blustering winds;
25	S	<i>Oxf. Term ends</i>	4	bowels	8	0 22 rocky clouds,
26			Camb. T. div. m.		9	0 43 * \odot H with
27	M		<i>Ven. Bede</i>		10	1 5 thunder storms.
28	Tu		7	loins	11	1 27 ♂ inf. ♀ \odot ; Δ
29	W		8	Scorpio	12	1 52 Δ ♀ h [\odot h
30	In			<i>Oxf. T. b.</i>	13	2 26 \square ♂ 4
31	F	Night all twilight	10	hips	F	rises D eclips. vis.

May 1st, 12th of Yiar; 19th, 1st of Sivan; 24th, 6th of Sivan, Pentecost;
25th, 2d day.

The 8 day, at 11^h 29^m morn. Saturn } is in
 The 12 day, at 8 2 morn. Jupiter } ecliptic
 The 18 day, at 3 52 aftern. Mercury } conjunction
 The 19 day, at 1 4 aftern. Mars } with the
 The 21 day, at 11 49 morn. Venus } Moon.

M		Moon		
D		South.		
		h.	m.	h.
1	4	33	7	21
2	4	31	7	22
3	4	29	7	24
4	4	28	7	26
F	4	26	7	27
6	4	24	7	29
7	4	22	7	30
8	4	21	7	32
9	4	19	7	34
10	4	17	7	35
11	4	16	7	37
F	4	14	7	38
13	4	12	7	40
14	4	11	7	41
15	4	10	7	43
16	4	8	7	44
17	4	7	7	46
18	4	5	7	47
F	4	4	7	48
20	4	3	7	50
21	4	1	7	51
22	4	0	7	53
23	3	59	7	54
24	3	58	7	55
25	3	57	7	57
F	3	56	7	58
27	3	55	7	59
28	3	54	8	0
29	3	53	8	2
30	3	52	8	3
31	3	51	8	10
				0

☽ in perigee, 2d day; apogee, 16th day; perigee, 31st day.
 ☽'s semidiam. 1st day, 15° 53''; 11th, 15° 51''; 21st, 15° 49''.

You who expatiate o'er the moral plan,
 And trace the various passions of the man ;
 Teach what is happiness, and what the end,
 Where virtuous practices or vicious tend :
 With Pope, in tuneful numbers let him know,
 " Virtue alone is happiness below."

M	W	\odot	D's	rises
D	D	π	A	& sets.
		o		h. m.
1 S	Nicomede	11 thighs	15	9 a 2 * ♀ H
2		12 knees	16	9 52 The weather
3 M	h rises 11 26 aft.	13 hams	17	10 30 is now se-
4 Tu		14 legs	18	11 1 rene and
5 W		Bonif.	19	11 25 bright.
6 Th	Corpus Christi	16 ancles	20	11 45
7 F	♀ rises 1 1 mo.	17 feet	21	morn. Sudden show-
8 S	Day 16 26 long	18 toes	22	0 5 ers, with thun-
9		19 head	23	0 24 □ ♂ H
10 M		20 face	24	0 43 ♀ stat.; △ ♀ 24
11 Tu		21 neck	25	1 5 der, lightning,
12 W	Trin. Term ends	22 and	26	1 28 and hail.
13 Th	♂ sets 9 32 aft.	22 throat	27	1 56
14 F		23 arms	28	2 31 Dry and hot.
15 S	Night 7 27 long	24 should.	29	3 17 ☽ ecl.in.; * ♀ ♀
16		25 breast	N	sets ♀ at greatest
17 M	St. Alban	26 and	1	9 a 12 [brilliancy.
18 Tu	Day 16 33 long	27 stom.	2	9 41 * ♀ H
19 W	♀ sets 10 35 aft.	28 heart	3	10 6 △ ♀ H ; △ h ♀
20 Th		29 back	4	10 29 ♀ ♀ h
21 F		Long. Day	5	10 49 Hasty showers,
22 S		25 belly	6	11 9 with thunder.
23		2 reins	7	11 31 ♀ elong. max.
24 M		Mids. Day	8	11 54 □ ☽ 24; * h H
25 Tu	♀ rises 2 40 mo.	4 loins	9	morn. [♀ in ♀
26 W	Night 7 27 long	5 Scorpio	10	0 22
27 Th		6 domin.	11	0 59 □ ☽ H
28 F		7 hips	12	1 46 Changeable
29 S		8 thighs	13	2 46 now about.
30		9 knees	F	rises ♀ stationary.

June 1st, 14th of Sivan; 18th, 1st of Tamuz.

The 4 day, at 7^h 39^m aftern. Saturn } is in
 The 8 day, at 11 6 aftern. Jupiter } ecliptic
 The 14 day, at 6 2 morn. Mercury } conjunction
 The 17 day, at 8 45 morn. Mars } with the
 The 19 day, at 9 4 morn. Venus } Moon.

M		Moon			
D		South.			
		h.	m.	h.	m.
1	3 50 8	5	morn.	<i>The depth of Rain in June 1842, at</i>	
F	3 49 8	6	1	<i>Allenheads, was 2·637 inches; Birmingham,</i>	
3	3 48 8	7	2	<i>Epping, 2·285; Gosport,</i>	
4	3 48 8	8	3	<i>Greenwich, 1·110; Harraby,</i>	
5	3 47 8	9	3	<i>Kendal, 1·849; North Shields,</i>	
6	3 47 8	10	4	<i>Starfield, 2·640; and Thwaite,</i>	
7	3 46 8	11	5	<i>1·015;</i>	
8	3 46 8	12	6	<i>This was a remarkably fine</i>	
F	3 45 8	13	6	<i>month.</i>	
10	3 45 8	13	7	Rain may be looked out for on the	
11	3 45 8	14	8	7th, 12th, 21st, and 26th days.	
12	3 44 8	15	9	<hr/>	
13	3 44 8	15	9	ation and other burdens imposed upon	
14	3 44 8	16	10	them. Ah! Britannia is labouring	
15	3 44 8	17	11	under an <i>Incubus</i> , and it will require	
F	3 44 8	17	0 a	<hr/>	
17	3 44 8	17	1	much effort to remove the fiend from	
18	3 44 8	18	2	his seat!	
19	3 44 8	18	2	The multiplicity of stellar configura-	
20	3 44 8	18	3	tions towards the end of July is truly	
21	3 44 8	18	4	astonishing, and cannot pass over with-	
22	3 45 8	19	5	out some great matter being achieved:	
F	3 45 8	19	5	<hr/>	
24	3 45 8	19	6	and as many of them are of a crimi-	
25	3 46 8	19	7	natory tendency, we shall hear of fresh	
26	3 46 8	19	8	accusations brought against some old	
27	3 47 8	19	9	offenders for their wilful transgressions,	
28	3 47 8	19	10	and yet at the same time others in the	
29	3 48 8	19	11	army	
F	3 48 8	18	morn.	<hr/>	

○ in apogee, 13th day; perigee, 28th day.

○'s semidiam. 1st day, 15° 47''; 11th, 15° 46''; 21st, 15° 45''.

DELUSED men by jarring passions toss'd,
 Pursue their false advices and are lost;
 Pleasures, the fancy flattering, dance in view,
 Still they elude men, yet they still pursue!
 Some short-lived joys, perhaps, in vice they find,
 Which leave a sting, remorse, and fears behind!

M	W		⊖	D's	D rises	
D	D		⊖	A	& sets.	
			o		h.	m.
1	M Day deer. 0	5	10 hams	15	9 a	0 Some slight
2	Tu <i>Oxf. Act.: Camb. Commenc.</i>			16	9	28 ⊖ in apogee.
3	W <i>Dog days begin</i>		12 ancles	17	9	49 showers, but
4	Th <i>Transl. St. Mart.</i>	13 feet		18	10	9 on the whole
5	F <i>Camb. Term ends</i>	13 toes		19	10	29 good weather
6	S <i>Old Mids. Day: Oxf. T. e.</i>			20	10	48 for the hay
7		<i>Tho. à Becket</i>		21	11	9 harvest.
8	M Day	16 20 long	16 face	22	11	33
9	Tu	½ rises 9	0 aft. 17 neck	23	12	0 ♀ in ♈; □ ♀ 4
10	W	¼ rises 10	54 aft. 18 throat	24	morn.	□ ♀ H
11	Th	♂ sets 8	44 aft. 19 arms	25	0	32 ♀ stationary.
12	F	♀ sets 8	33 aft. 20 and	26	1	12 Expect rain.
13	S	♂ rises 3	6 mo. 21 should.	27	2	0 Δ ♀ H
14			22 breast	28	2	57 ♀ in perihelion.
15	M <i>St. Swithin</i>		23 stom.	N	sets	Now bright
16	Tu Night	7 56 long,	24 heart	1	8 a	10 and pleasant.
17	W	[but all twil.	25 back	2	8	34 ♀ ♀ ½
18	Th	½ rises 8	23 aft. 26 bowels	3	8	55 Δ ♀ 4
19	F	¼ rises 10	20 aft. 27 and	4	9	15 Some passing
20	S <i>Margaret</i>		28 belly	5	9	37 ♂ ♀ ♂ showers.
21			29 reins	6	10	0 ♂ sup. ♀ ⊖
22	M <i>Magdalene</i>		⊖ loins	7	10	25 ♂ ♀ ;Δ ♂ 4
23	Tu	♂ sets 8	18 aft.	1	Scorpio	58 ♂ ⊖ ;8 ♂ ½
24	W			2	domin.	9 11 38 8 ♀ ½ ;Δ ♀ 4
25	Th			3	hips	10 morn. ♂ ♀ ♂ ;Δ ♀ H
26	F <i>St. Anne</i>			4	thighs	11 0 31 8 ⊖ ½ ;Δ ⊖ 4;
27	S Day deer. 0	58		4	knees	12 1 36 *4 ½ [Δ ♂ H
28				5	hams	13 2 50 ♀ in aphelion.
29	M Day	15 30 long		6	legs	F rises Δ ⊖ H
30	Tu Night	8 33 long		7	aneles	15 7 a 52 Sultry, with
31	W Day br.	1 28		8	feet	16 8 14 thunder storms.

July 1st, 14th of Tamuz; 4th, 17th of Tamuz, Taking of Jerusalem;
 17th, 1st of Ab; 25th, 9th of Ab, Destruction of the Temple.

The 2 day, at 3^h 25^m morn. Saturn
 The 6 day, at 11 45 morn. Jupiter
 The 14 day, at 9 40 aftern. Mercury } is in
 The 16 day, at 3 5 morn. Mars ecliptic
 The 16 day, at 1 10 aftern. Venus conjunction
 The 29 day, at 10 1 morn. Saturn with the
 Moon.

M		Moon	
D		South.	
h.	m.	h.	m.
1 3 49	8 18	0 m 47	<i>The depth of Rain in July 1842, at</i>
2 3 50	8 18	1 44	<i>Allenheads, was 4·062 inches; Bir-</i>
3 3 51	8 17	2 36	<i>mingham, 2·770; Epping, 3·591; Gos-</i>
4 3 51	8 17	3 24	<i>port, 1·743; Greenwich, 2·742; Har-</i>
5 3 52	8 17	4 10	<i>raby, 2·529; Kendal, 5·877; North</i>
6 3 53	8 16	4 55	<i>Shields, 2·302; Starfield, 4·598; and</i>
F 3 54	8 16	5 38	
8 3 55	8 15	6 22	<i>Thwaite, 3·18.</i>
9 3 56	8 14	7 7	Rain, more or less, with electrical
10 3 57	8 13	7 53	exhibitions, may be expected about the
11 3 58	8 12	8 41	1st, 9th, 16th, 21st, 24th, and 28th.
12 3 59	8 12	9 29	
13 4 0	8 11	10 19	
F 4 1	8 10	11 9	army and the church will find favour
15 4 2	8 9	11 59	
16 4 4	8 0	a 47	and be promoted to wealth and ho-
17 4 5	8 7	1 35	nours, as may be seen by the tynes in
18 4 6	8 6	2 21	this stellar group of aspects: and
19 4 8	8 5	3 8	moreover, in another sense, it is to be
20 4 9	8 3	3 56	hoped that brighter days are at hand;
F 4 10	8 2	4 45	therefore, ye afflicted and oppressed,
22 4 11	8 1	5 36	
23 4 13	8 0	6 31	bear up,—rely on that Arm which
24 4 14	7 58	7 29	sustains the universe and all created
25 4 16	7 57	8 29	things! Fly not to intoxicating liquors
26 4 17	7 55	9 31	for consolation, though they may seem
27 4 18	7 54	10 31	for a moment to raise your spirits;—
F 4 20	7 52	11 29	they only lift you up to sink you the
29 4 21	7 51	morn.	
30 4 23	7 50	0 23	deeper into gloom and misery! Listen
31 4 24	7 48	1 14	to

⊕ in apogee, 10th day; perigee, 26th day.

⊖'s semidiam. 1st day, 15° 45"; 11th, 15° 45"; 21st, 15° 46".

SAY, ye who walk in honour's gaudy show,
 The miseries that from power and grandeur flow?
 External paint and smiles adorn the great,
 And glittering pomp proclaims the happy state:
 But who their disappointments can reveal,
 The fears, remorse, and inward pain they feel?

M	W		○		D's	D rises	
D	D		Ω		A	& sets.	
			o			h.	m.
1 Th	<i>Lammas Day</i>	9	and	17	8 a 33	Cool, and	
2 F	½ sets 3 57 mo.	10	toes	18	8 54	occasionally	
3 S		11	head	19	9 14	showery.	
4		12	face	20	9 36	δ Θ δ	
5 M	Day br. 1 48	13	neck	21	10 1	Now very	
6 Tu	<i>Transfiguration</i>	14	and	22	10 31	hot and dry.	
7 W	<i>Name of Jesus</i>	15	throat	23	11 9		
8 Th	♀ rises 9 1 aft.	16	arms	24	11 55		
9 F	<i>Shooting Stars</i>	17	should.	25	morn.	Rocky clouds,	
10 S	<i>St. Lawrence</i>	18	breast	26	0 47	with thunder	
11	<i>Dog</i> [days end	19	stom.	27	1 47	showers.	
12 M		20	heart	28	2 54		
13 Tu		21	and	29	4 6		
14 W	[Old Lam. Day	22	back	N	sets	♀ stationary.	
15 Th	<i>Assump. B.V.M.</i>	23	bowels	1	7 a 23	Settled fine	
16 F	♂ rises 4 22 mo.	24	belly	2	7 43	weather,	
17 S		25	reins	3	8 6	♂ in ♀	
18		26	loins	4	8 32	suitable for	
19 M	Twi. ends 9 33	27	Scorpio	5	9 1	the corn	
20 Tu	Day deer. 2 18	27	domin.	6	9 39	harvest.	
21 W	♀ rises 2 15 mo.	28	hips	7	10 26	* ♀ ♀	
22 Th	♀ sets 7 46 aft.	29	thighs	8	11 25	Some slight	
23 F	Day 14 4 long	30	knees	9	morn.	passing show-	
24 S		1	hams	10	0 34	ers, but still	
25		2	legs	11	1 50	good harvest	
26 M		3	and	12	3 7	weather.	
27 Tu		4	ancles	13	4 25	♀ in aphelion.	
28 W	<i>St. Augustine</i>	5	feet	F	rises	△ ♀ ½; 8 ♀ ¼	
29 Th	<i>St. Jno. Bapt. beh.</i>	6	toes	15	6 a 57	[♀ at gr. bril.	
30 F	Night 10 22 long	7	head	16	7 18	Fine & pleasant.	
31 S		8	face	17	7 40	8 ♀ ½; * ¼ ½	

August 1st, 16th of Ab; 16th, 1st of Elul.

The 2 day, at 9^h 0^m aftern. Jupiter
 The 11 day, at 9 12 aftern. Venus
 The 13 day, at 8 38 aftern. Mars
 The 15 day, at 8 30 aftern. Mercury }
 The 25 day, at 3 8 aftern. Saturn }
 The 30 day, at 2 0 morn. Jupiter } is in
 conjunction with the Moon.

M		Moon	
D		South.	
h.	m.	h.	m.
1 4 26	7 46	2 m 2	<i>The depth of Rain in August 1842, at Allenheads, was 3.186 inches; Bir-</i>
2 4 27	7 45	2 47	<i>mingham, 1.655; Epping, 2.118; Gos-</i>
3 4 29	7 43	3 32	<i>port, 3.250; Greenwich, 1.848; Har-</i>
F 4 30	7 41	4 17	<i>raby, 1.675; Kendal, 3.130; North</i>
5 4 32	7 40	5 1	<i>Shields, 1.561; Starfield, 1.718; and</i>
6 4 33	7 38	5 47	
7 4 35	7 36	6 34	<i>Thwaite, 0.62. This was an extra-</i>
8 4 36	7 34	7 23	<i>ordinarily hot month, its mean tempera-</i>
9 4 38	7 32	8 12	<i>ture, at Greenwich, being 68 degrees!</i>
10 4 40	7 31	9 2	Rain (perhaps attended with thun-
F 4 41	7 29	9 51	der and hail) on or about the 2d, 10th,
12 4 43	7 27	10 41	21st, and 25th. Watch attentively the
13 4 44	7 25	11 29	
14 4 46	7 23	0 a 17	
15 4 48	7 21	1 5	motions of the barometer this month.
16 4 49	7 19	1 53	
17 4 51	7 17	2 42	to Father Mathew, for, depend upon
F 4 52	7 15	3 34	it, he has got hold of the right end of
19 4 54	7 13	4 27	the chain! Plead at this time strongly
20 4 55	7 11	5 24	and rationally your wants: our great
21 4 57	7 9	6 22	
22 4 59	7 7	7 22	ones must attend to you, and do some-
23 5 0	7 5	8 21	thing in your behalf.
24 5 2	7 2	9 18	A great potentate now bows to the
F 5 3	7 0	10 12	stroke of death. Some men in office
26 5 5	6 58	11 4	and power prove treacherous and un-
27 5 7	6 56	11 53	faithful.
28 5 8	6 54	morn.	
29 5 10	6 52	0 39	In this month or next we shall hear
30 5 11	6 50	1 25	of quarrels and war in operation, to
31 5 13	6 47	2 10	which

○ in apogee, 7th day; perigee, 21st day.

○'s semidiam. 1st day, 15° 47''; 11th, 15° 48''; 21st, 15° 50''.

O GIVE me virtue in a calm retreat!
 I envy not the honours of the great;
 Blest with contentment I shall not repine,
 When beaux with liveries and coaches shine:
 Too often greatness proves a fatal snare,
 And loads its owners with perplexing care.

M D	W D		⊕ ♏	D's A & sets.	⊕ rises A & sets.	h. m.
1		Giles	9 neck	18	8 a	4 Fine and plea-
2 M	London bt.	1666, 10	and	19	8	33 ♀ elong. max.
3 Tu	Day br.	3 12 [O.S.	11 throat	20	9	3 sant weather
4 W	h sets 1	36 mo.	12 arms	21	9	50 for the most
5 Th	Old Bartholomew	13	should.	22	10	39 part till the time
6 F	Twi. ends 8	37	14 breast	23	11	36 8 ♀ h; Δ ♀ 4
7 S	Enurchus	15	and	24	morn.	of the new
8		Nativ. B. V. M.		25	0	39 moon.
9 M	Day decr.	3 34	17 heart	26	1	47
10 Tu	4 rises 6	46 aft.	18 back	27	2	59
11 W	♂ rises 4	16 mo.	19 bowels	28	4	14 Δ ♀ H
12 Th	♀ rises 1	38 mo.	20 belly	N	sets	Now expect
13 F	♀ sets 6	33 aft.	21 reins	1	6 a	10 some heavy
14 S	Holy Cross	22	loins	2	6	34 rain.
15		23 Scorpio		3	7	4 ♀ stationary.
16 M	Day 12	32 long	24 domin.	4	7	41 Showery,
17 Tu	Lambert	25	hips	5	8	25 with some
18 W		Geo. I. & II. land.		6	9	21 intervening
19 Th	Night 11	39 long	27 thighs	7	10	27 days of fine
20 F	h sets 0	29 mo.	28 knees	8	11	40 weather.
21 S		29 hams		9	morn.	8 ⊕ 4; * ♀ ♀
22		30 legs		10	0	54 [♂ in aphelion]
23 M	Day br.	3 55	1 ankles	11	2	10 Δ ⊕ h
24 Tu	4 rises 5	47 aft.	2 feet	12	3	25 Look after
25 W	♂ rises 4	12 mo.	2 toes	13	4	38 the latter
26 Th	St. Cyprian	3	head	F	rises	harvest.
27 F	♀ rises 1	42 mo.	4 and	15	5 a 44	8 ⊕ H
28 S		5 face		16	6	7 ♂ inf. ♀ ⊕
29		6 neck		17	6	34 8 ♀ H Now
30 M	St. Jerome	7 throat		18	7	6 gloomy and wet.

Sept. 1st, 17th of Elul; 14th, 1st of Tisri (Jewish year 5605 begins); 15th, 2d day; 16th, Fast of Guedalah; 23d, Fast of Expiation; 28th, Feast of Tabernacles; 29th, 2d day.

The 9 day, at 1^h 15^m morn. Venus } is in
 The 11 day, at 2 2 aftern. Mars } ecliptic
 The 14 day, at 6 33 morn. Mercury } conjunction
 The 21 day, at 7 26 aftern. Saturn } with the
 The 26 day, at 3 33 morn. Jupiter } Moon.

M		Moon	
D		South.	
	h. m. h. m.	h. m.	
F 5	15 6 45	2 m 55	<i>The depth of Rain in September</i>
2 5	16 6 43	3 41	1842, at Allenheads, was 6.262 inches;
3 5	18 6 41	4 27	Birmingham, 2.995; Epping, 3.956;
4 5	19 6 38	5 15	
5 5	21 6 36	6 4	Gosport, 3.525; Greenwich, 4.294;
6 5	23 6 34	6 53	Harraby, 1.812; Kendal, 1.508; North
7 5	24 6 32	7 42	Shields, 2.133; Starfield, 2.439; and
F 5	26 6 29	8 31	Thwaite, 4.57.
9 5	27 6 27	9 20	Rain on the 7th, 13th, 17th, 21st,
10 5	29 6 25	10 8	and 29th days of this month.
11 5	31 6 22	10 57	
12 5	32 6 20	11 45	
13 5	34 6 18	0 a 35	which Great Britain, I am afraid, will
14 5	35 6 16	1 27	give a helping hand. Oh! when shall
F 5	37 6 13	2 22	we distinguish ourselves as a truly
16 5	39 6 11	3 18	Christian nation? Our proceedings
17 5	40 6 9	4 17	towards foreign nations, where we
18 5	42 6 6	5 17	have a footing, are of the most cruel
19 5	43 6 4	6 16	
20 5	45 6 2	7 13	and selfish nature: we devastate their
21 5	47 5 59	8 7	beautiful fields, and such property as
F 5	48 5 57	8 58	we cannot bring away, we destroy
23 5	50 5 55	9 47	with fire or otherwise, and leave the
24 5	51 5 52	10 33	unoffending inhabitants in a state of
25 5	53 5 50	11 19	the most abject destitution and misery;
26 5	55 5 48	morn.	
27 5	56 5 46	0 4	
28 5	58 5 43	0 49	and forsooth, to show our contempt
F 6	0 5 41	1 34	of right or wrong, we send mission-
30 6	1 5 39	2 21	aries amongst the people to teach
			them

in apogee, 4th day; perigee, 16th day.

①'s semidiam. 1st day, $15^{\circ} 53''$; 11th, $15^{\circ} 55''$; 21st, $15^{\circ} 58''$.

HAPPIER the man whose joys from virtue flow,
 And strives *himself* and *his own good* to know ;
 Calm are his comforts, and his joys sincere,
 Unhurt by envy, undisturb'd by fear :
 The *real* wants of nature are but few ;
 Look not on honours then with envious view.

M	W		\odot	D's	D rises	
D	D		Δ	A & sets.		
1	Tu	<i>Remigius</i>	8 arms	19	7 a 46	Air still in-
2	W	Day br. 4 11	9 and	20	8 31	clined to wet.
3	Tu	h sets 11 33 aft.	10 should.	21	9 25	$\Delta \text{g} \text{ h}$; g elon.
4	F	g sets 4 54 mo.	11 breast	22	10 23	h stat. [max.]
5	S	Twi. ends 7 20	12 stom.	23	11 28	Now dry,
6		<i>Faith</i>	13 heart	24	morn.	g stationary.
7	M	Day decr. 5 24	14 and	25	0 39	and in gene-
8	Tu	g rises 4 8 mo.	15 back	26	1 50	ral bright
9	W	<i>St. Denys</i>	16 bowels	27	3 4	and sunny.
10	Ta	<i>Oxf. & Cam. T. b.</i>	17 belly	28	4 21	g in perihelion.
11	F	<i>Old Mich. Day</i>	18 reins	N	sets	$\Delta \text{g} \text{ h}$
12	S	Least twilight	19 loins	1	5 a 4 8 $\text{g} \text{ g}$	
13		<i>Trs.</i>	20 Scropio	2	5 39	Blustering
14	M	[<i>K. Edw. Conf.</i>]	21 domin.	3	6 20	$\text{g} \text{ H}$; g elon.
15	Tu	g rises 2 7 mo.	22 hips	4	7 13	winds [max.]
16	W	Day 10 35 long	23 thighs	5	8 18	g in g
17	Th	<i>Etheldreda</i>	24 knees	6	9 31	about this
18	F		25 hams	7	10 45	time.
19	S	g rises 4 51 mo.	26 legs	8	12 0	$\Delta \text{g} \text{ h}$
20			27 ankles	9	morn.	
21	M	Night 13 44 long	28 feet	10	1 14	Some cold rain,
22	Tu	h sets 10 20 aft.	29 and	11	2 27	perhaps mixed
23	W	g sets 3 27 mo.	m toes	12	3 37	$\text{g} \text{ g} \text{ H}$
24	Th	Day br. 4 48	1 head	13	4 46	$\square \odot \text{h}$
25	F	<i>Crispin</i>	2 face	14	5 55	with snow.
26	S	g rises 4 2 mo.	3 neck	F	rises	
27			4 throat	16	5 a 7	Serene and
28	M		5 arms	17	5 43	pleasant at
29	Tu	g rises 2 36 mo.	6 and	18	6 27	the month's
30	W	Twi. ends 6 30	7 should.	19	7 17	end.
31	Th		8 breast	20	8 13	$\text{g} \text{ g}$

Oct. 1st, 18th of Tisri; 4th, 21st of Tisri, Last day of the Festival ;
 5th, Feast of the 8th day; 6th, Rejoicing of the Law; 14th, 1st of Hesvan.

The 8 day, at 10^h 54^m morn. Venus } is in
 The 10 day, at 7 24 morn. Mars } ecliptic
 The 10 day, at 4 37 aftern. Mercury } conjunction
 The 19 day, at 0 53 morn. Saturn } with the
 The 23 day, at 4 12 morn. Jupiter } Moon.

M	Moon			
D	South.			
	h.	m.	h.	m.
1 6	3 5	36	3 m	9
2 6	5 5	34	3	57
3 6	6 5	32	4	45
4 6	8 5	29	5	34
5 6	9 5	27	6	22
F 6	11 5	25	7	10
7 6	13 5	23	7	58
8 6	15 5	21	8	45
9 6	16 5	18	9	33
10 6	18 5	16	10	23
11 6	20 5	14	11	15
12 6	21 5	12	0 a	9
F 6	23 5	10	1	7
14 6	25 5	7	2	7
15 6	26 5	5	3	8
16 6	28 5	3	4	9
17 6	30 5	1	5	8
18 6	32 4	59	6	4
19 6	33 4	57	6	55
F 6	35 4	55	7	44
21 6	37 4	53	8	31
22 6	39 4	51	9	16
23 6	40 4	49	10	0
24 6	42 4	47	10	45
25 6	44 4	45	11	30
26 6	46 4	43	morn.	
F 6	47 4	41	0	16
28 6	49 4	39	1	3
29 6	51 4	37	1	51
30 6	53 4	35	2	40
31 6	54 4	33	3	28

☽ in apogee, 1st day; perigee, 13th day; apogee, 29th day.
 ☽'s semidiam. 1st day, 16° 1'; 11th, 16° 3"; 21st, 16° 6".

THE flying days and months are hurrying on,
 Years press on years, impatient to be gone ;
 Devouring Time shall overwhelm in dust
 The pompous building and the marble bust :
 From honours tear the man, and blot the name
 With joy recorded in the rolls of fame !

M	W	\odot	D's	\textcircled{D}	rises
D	D	\textcircled{m}	A	&	sets.
1 F		or Allhallows	21	9 a	5 Cold winds,
2 S	All Souls:	<i>Mich. Term beg.</i>	22	10	21 $\square \textcircled{\varnothing} \textcircled{h}$
3			23	11	31 with passing
4 M	K. Will. III. land.	12 back	24		morn. showers of
5 Tu		13 bowels	25	0	42 sleet or
6 W	<i>Leonard</i>	14 belly	26	1	56 snow.
7 Th	\textcircled{h} sets 9	21 aft.	27	3	12 $\Delta \textcircled{\varnothing} \textcircled{h}$
8 F	$\textcircled{4}$ sets 2	18 mo.	28	4	33 $\textcircled{\varnothing} \textcircled{\varnothing} \textcircled{H}$
9 S		L. Mayor'sd.	29	5	56 Gloomy, with
10		18 S. dom.	N	sets	\odot eclips. inv.
11 M	<i>St. Martin</i>	19 hips	1	5 a	0 fogs and
12 Tu	<i>Cam. T. div. m.:</i>	<i>Shoot. Stars</i>	2	6	2 drizzly rain
13 W	<i>Britins</i>	21 knees	3	7	15 $\textcircled{\varnothing}$ in $\textcircled{\varnothing}$
14 Th	$\textcircled{\varnothing}$ rises 3	57 mo.	4	8	31 at times.
15 F	<i>Machutus</i>	22 hams	5	9	48 $\textcircled{\delta}$ sup. $\textcircled{\varnothing} \odot$
16 S	$\textcircled{\varnothing}$ rises 3	20 mo.	6	11	4 $\Delta \odot \textcircled{4}; \Delta \textcircled{\varnothing} \textcircled{4}$
17		Hugh 25 feet	7		morn. Fair, with
18 M		[Bp. Linc. 26]	8	0	18 $\textcircled{\varnothing}$ in perihelion.
19 Tu	$\textcircled{\varnothing}$ rises 7	43 mo.	9	1	29 $\textcircled{4}$ stationary.
20 W	<i>Edm.K. and Mart.</i>	27 toes	10	2	37 hoar frosts.
21 Th		28 head	11	3	45 $\textcircled{*h} \textcircled{H}; \Delta \textcircled{\varnothing} \textcircled{h}$
22 F	<i>St. Cecilia</i>	29 face	12	4	52 [$\textcircled{*}\textcircled{\varnothing} \textcircled{h}$
23 S	<i>St. Clement</i>	\textcircled{f} neck	13	5	58 $\textcircled{\varnothing}$ in aphelion.
24		1 and	F	6	rises $\Delta \odot \textcircled{H}; \textcircled{*}\odot \textcircled{h}$
25 M	<i>Mich. T.e.: Cath.</i>	2 arms	15	4 a	24 [\textcircled{D} eclips. vis.]
26 Tu	Day br.	5 37	16	5	12 $\textcircled{\delta} \textcircled{\varnothing} \textcircled{\varnothing}$
27 W	\textcircled{h} sets 8	9 aft.	17	6	6 Windy, with
28 Th	$\textcircled{4}$ sets 0	59 mo.	18	7	6 an increase
29 F	Twi. ends 5	57	19	8	10 of tem-
30 S		7 stom.	20	9	18 perature.
		8 heart			

Nov. 1st, 19th of Hesvan; 12th, 1st of Kislev.

The 7 day, at 6^h 0^m morn. Venus
 The 8 day, at 0 49 morn. Mars
 The 10 day, at 3 50 morn. Mercury }
 The 15 day, at 9 38 morn. Saturn }
 The 19 day, at 7 31 morn. Jupiter } is in
 ecliptic conjunction with the Moon.

M	D	Moon	
		South.	
		h. m. h. m.	h. m.
1 6	56 4 31	4 m 16	<i>The depth of Rain in November</i>
2 6	58 4 30	5 3	1842, at Allenheads, was 5·158 inches;
F 7	0 4 28	5 50	
4 7	1 4 26	6 36	Birmingham, 4·500; Epping, 5·163;
5 7	3 4 24	7 22	Gosport, 6·950; Greenwich, 4·734;
6 7	5 4 22	8 10	Harraby, 1·925; Kendal, 7·232; North
7 7	7 4 21	8 59	Shields, 2·288; Starfield, 3·461; and
8 7	9 4 19	9 52	Thwaite, 3·64.
9 7	11 4 17	10 48	Rain, sleet, or snow, about the 2d.
F 7	12 4 16	11 48	
11 7	14 4 15	0 a 51	7th, 11th, 15th, and 29th days.
12 7	16 4 13	1 54	
13 7	17 4 12	2 57	
14 7	19 4 10	3 56	The Δ of ♀ and ♁ at this time im-
15 7	21 4 9	4 50	pplies the arrival of good news to our
16 7	23 4 7	5 41	shores. The Δ of ☽ and ♁ is an
F 7	24 4 6	6 29	
18 7	26 4 5	7 15	aspect of a friendly kind, and inti-
19 7	28 4 4	7 59	mates, among other matters, some bet-
20 7	29 4 2	8 43	ter understanding amongst mankind on
21 7	31 4 1	9 27	religious topics, which is very desir-
22 7	33 4 0	10 13	able. The δ of ♀ and ♂ exhibits
23 7	34 3 59	11 0	some fierce contentions in love affairs,
F 7	36 3 58	11 47	
25 7	38 3 57	morn.	affecting some military individuals.
26 7	39 3 56	0 36	We are now drawing to the con-
27 7	41 3 55	1 24	clusion of another eventful year. May
28 7	42 3 55	2 12	God preserve her most gracious Ma-
29 7	44 3 54	2 59	jesty, Queen Victoria, and grant her
30 7	45 3 53	3 46	a long and happy life.
			To

♂ in perigee, 11th day; apogee, 25th day.

☽'s semidiam. 1st day, 16° 9"; 11th, 16° 11"; 21st, 16° 13".

INDULGENT Mercy with a look serene,
 Smiles on the world and brightens the new scene;
 JESUS is born! exult ye wond'ring skies!
 And let thy anthems, earth, to heaven arise!
 With gratitude all hearts should, raptured, glow,
 And th' universe a common triumph show.

M W D	W D	○ ☽	☽'s ☽	☽ rises A & sets.	
		o	h.	m.	
1		9 back	21	10 a 27	Rough winds,
2 M	Day br. 5 44	10 bowels	22	11 37	with downfall;
3 Tu	☽ sets 7 49 aft.	11 and	23		morn. probably snow.
4 W	☽ sets 0 38 mo.	13 belly	24	0 49	□ ♀ ☽
5 Th	Twi. ends 5 55	14 reins	25	2 5	□ ♀ ☽
6 F	<i>Nicholas</i>	15 loins	26	3 26	
7 S		16 Scorpio	27	4 46	
8		Con-	17 domin.	6 6	Thick cloudy
9 M	[cept. B.V.M.	18 hips	N	sets	○ eclips. inv.
10 Tu	☽ rises 3 48 mo.	19 thighs	1	4 a 47	□ ♀ ☉
11 W	Day 7 50 long	20 knees	2	6 4	□ ☉ ☉; ☉ stat.
12 Th	Night 16 11 long	21 hamis	3	7 25	* ☉ ☉
13 F	<i>Lucy</i>	22 legs	4	8 44	weather may
14 S	♀ rises 4 37 mo.	23 ancles	5	10 2	now be ex-
15		24 feet	6	11 16	pected.
16 M	<i>Cam. T.e. O Sap.</i> !	25 toes	7		morn.
17 Tu	<i>Oxf. Term ends</i>	26 head	8	0 27	□ ○ ☉
18 W		27 face	9	1 35	Mild, with in-
19 Th	☽ sets 5 0 aft.	28 neck	10	2 43	tervals of bright
20 F	Day br. 5 58	29 and	11	3 50	sunshine a few
21 S		Shortest Day	12	4 53	days.
22		☽ arms	13	5 51	△ ♀ ☉
23 M	☽ sets 6 41 aft.	2 and	14	6 45	Now expect
24 Tu	☽ sets 11 25 aft.	3 should.	F	rises	□ ○ ☉
25 W		4 breast	16	4 a 59	hard frosts
26 Th		5 stom.	17	6 2	with snow.
27 F		6 heart	18	7 9	△ ♀ ☉; ☉ elon.
28 S		7 back	19	8 17	* ☉ ☉ [max.]
29		8 bowels	20	9 26	
30 M	Twi. ends 6 2	9 and	21	10 37	* ☉ ☉; ○ in
31 Tu	<i>Silvester</i>	10 belly	22	11 49	[perigee].

Dec. 1st, 20th of Kislev; 6th, 25th of Kislev, Dedication of the Temple;
 11th, 1st of Tebet; 20th, 10th of Tebet, Siege of Jerusalem.

The 6 day, at 5 h. 45 m. aftern. Mars	}	is in
The 7 day, at 3 h. 28 m. morn. Venus		ecliptic
The 10 day, at 7 h. 12 m. aftern. Mercury		conjunction
The 12 day, at 10 h. 34 m. aftern. Saturn		with the
The 16 day, at 4 h. 16 m. aftern. Jupiter		Moon.

M Sun Sun Moon
D rises sets South.

MONTHLY OBSERVATIONS.

h.	m.	h.	m.	h.	m.	
F 7	46	3	52	4	31	<i>The depth of Rain in Dec. 1842, at Allenheads, was 3.391 inches; Birmingham, 0.800; Epping, 1.140; Gosport,</i>
27	48	3	52	5	16	<i>LAST QUAR. 3d. 2h. 8m. morn.</i>
37	49	3	51	6	1	
47	51	3	51	6	48	1.831; Greenwich, 0.738; Harraby,
57	52	3	50	7	37	1.543; Kendal, 7.016; North Shields,
67	53	3	50	8	30	0.567; Starfield, 1.313; and Thwaite,
77	54	3	50	9	26	0.61.
F 7	55	3	49	10	27	<i>NEW MOON, 9d. 8h. 13m. aftern.</i>
97	56	3	49	11	31	This month was particularly fine
107	58	3	49	0	a 36	and warm: mean temperature 45°.
117	59	3	49	1	38	Rain or snow, more or less, may be
128	0	3	49	2	38	expected about the 4th, 10th, 15th,
138	0	3	49	3	32	24th, and 30th days of this month, the
148	1	3	49	4	23	day before or the day after.
F 8	2	3	49	5	11	<i>FIRST QUAR. 16d. 3h. 22m. aftern.</i>
168	3	3	49	5	57	To which every loyal-minded English-
178	4	3	49	6	41	man will say, AMEN.
188	5	3	50	7	26	Upon taking the amount of the twelve
198	5	3	50	8	11	months, it appears that the depth of
208	6	3	50	8	57	rain for the whole year 1842, at Allen-
218	6	3	51	9	44	heads, was 41.689 inches; Birmingham,
F 8	7	3	51	10	32	23.765; Epping, 28.763; Gosport,
238	7	3	52	11	21	<i>FULL MOON, 24d. 7h. 29m. aftern.</i>
248	8	3	52	morn.		29.410; Greenwich, 24.269; Harraby,
258	8	3	53	0	9	21.825; Kendal, 48.072; North Shields,
268	8	3	54	0	57	16.802; Starfield, 25.982; and at
278	8	3	55	1	44	Thwaite, 21.790 inches; making the
288	9	3	55	2	29	mean annual fall 28.237 inches, or
F 8	9	3	56	3	14	11.829 hogsheads per acre, which in
308	9	3	57	3	59	weight is about two thousand eight
318	9	3	58	4	44	hundred and fifty-two tons.

○ in perigee 9th day; apogee 23d day.
 ○'s semidiam. 1st day, $16^{\circ} 15''$; 11th, $16^{\circ} 16''$; 21st, $16^{\circ} 17''$.

The Dominion of the Moon
in Man's Body, passing
under the Twelve Zodiacal
Constellations.

- ♈ Aries, Head and Face.
- ♉ Taurus, Neck and Throat.
- ♊ Gemini, Arms and Shoulders.
- ♋ Cancer, Breast and Stomach.
- ♌ Leo, Heart and Back.
- ♍ Virgo, Bowels and Belly.
- ♎ Libra, Reins and Loins.
- ♏ Scorpio, Secret Members.
- ♐ Sagittarius, Hips and Thighs.
- ♑ Capricorn, Knees and Hams.
- ♒ Aquarius, Legs and Ankles.
- ♓ Pisces, Feet and Toes.

Names and Characters of the PLANETS,
with Dragon's Head & Dragon's Tail.

- | | |
|------------------|------------|
| ○, or, the SUN. | |
| ♄ Saturn. | ♃ Jupiter. |
| ♅ Venus. | ♆ Mercury. |
| ♇ the Moon. | |
| ♈ Dragon's Head. | |
| ♉ Dragon's Tail. | |

PLANETS discovered since 1780.

- | | |
|-----------|----------|
| ♊ Uranus. | ♋ Ceres. |
| ♌ Pallas. | ♍ Juno. |
| ♎ Vesta. | |

The Characters of the ASPECTS.

- | | |
|----------------|-------------|
| ☌ Conjunction. | ★ Sextile. |
| ☽ Opposition. | |
| △ Trine. | □ Quartile. |

LAW TERMS AND RETURNS.

1. HILARY TERM—begins Jan. 11—ends Jan. 31—comprises 21 days.
2. EASTER TERM—begins April 15—ends May 8—24 days.
3. TRINITY TERM—begins May 22—ends June 12—22 days.
4. MICHAELMAS TERM—beg. Nov. 2—ends Nov. 25—24 days.

It is enacted, That all Writs now usually returnable before the Courts of King's Bench, Common Pleas, or Exchequer respectively, on general Return Days, that shall be made returnable after the first day of January in 1831, may be made returnable on the third day exclusive before the commencement of each Term, or on any day, not being Sunday, between that day and the 2d day exclusive before the last day of the Term; and the day for Appearance shall, as heretofore, be the 3d day after such Return, exclusive of the day of the Return; or in case such 3d day shall fall on a Sunday, then on the 4th day after such Return, exclusive of such day of Return. All other Writs must be made returnable on a day in full Term.

NAMES OF THE LEARNED JUDGES OF THE LAW.

I. CHANCERY.

- | | | | |
|-----------------------------------|-------|-------|-----------------------------|
| Right hon. Lord Lyndhurst | - - - | - - - | Lord High Chancellor. |
| Right hon. Lord Langdale | - - - | - - - | Master of the Rolls. |
| Right hon. Sir Lancelot Shadwell | - - - | - - - | Vice-Chancellor of England. |
| Right hon. Sir J. L. Knight Bruce | - - - | - - - | Vice-Chancellors. |
| Right hon. Sir James Wigram | - - - | - - - | |

II. QUEEN'S BENCH : Right Hon. Lord Denman, L.C.J.

Sir J. Patteson: Sir J. Williams: Sir J. T. Coleridge: Sir W. Wightman.

III. COMMON PLEAS: Right hon. Sir Nicholas C. Tindal, L.C. J.
Sir T. Coltman: Rt. Hon. T. Erskine: Sir W. H. Maule: Sir Cresswell Cresswell.

IV. EXCHEQUER: Right Hon. Lord Abinger, L.C.B.

Rt. Hon. Sir J. Parke: Sir E. H. Alderson: Sir J. Gurney: Sir R. M. Rolfe.

V. BANKRUPTCY COURT: Sir J. L. Knight Bruce, Judge.

Sir C. F. Williams, J. H. Merivale, J. Evans, J. S. M. Fonblanque, } Commissioners.
R. G. C. Fane, and E. Holroyd, esqrs.

Mr. Serjeant Lawes and William Barber, esq., Registrars.
Attorney Gen., Sir Fred. Pollock: Solicitor Gen., Sir Wm. Follett.

REGULATIONS RESPECTING ELECTIONS.

1844.—Notice to receive claims for Votes must be given by Overseers on June 20.—Lists of Electors must be made by July 31.—Persons objecting to claims for Votes must give notice by Aug. 25.—Barristers must hold their Revision Courts between Sept. 15. and Oct. 25.—Lists to be copied into books, and the books to be delivered by Oct. 31.; and such books to be considered the Register of the Electors.

COMMON NOTES for the Year 1844.

Lunar Cycle, or Golden Number	- 2	Lent begins	-	-	-	Feb 21
Epact	- 11	EASTER DAY	-	-	-	Apr. 7
Dominical Letters	- G F	Rogation Sunday	-	-	-	May 12
Cycle of the Sun	- 5	Ascension Day	-	-	-	May 16
EPIPHANY	- Jan. 6	WHIT SUNDAY	-	-	-	May 26
Sundays after Epiphany	(four)	TRINITY SUNDAY	-	-	-	June 2
Number of Direction	- 17	Sundays after Trinity	-	(twenty-five)	-	
SEPTUAGESIMA Sunday	- Feb. 4	ADVENT SUNDAY	-	-	-	Dec. 1

THINGS TO BE BORNE IN MIND.

In JANUARY. That the January dividends at the Bank are payable on the 8th. That before the 8th, *Fire Insurance* policies, due at Christmas, must be paid. That *Hilary Term* begins on the 11th, ends on the 31st. That most of the *Quarter Sessions* are held in the first week of this month.

In FEBRUARY. That the 3d is Bishop Blaise's holiday, the 14th St. Valentine, and the 25th is *St. Matthias*, and is a Holiday at several of the Public Offices.

In MARCH. Remember *St. David's* and *St. Patrick's* days. Municipal assessors appointed on the 1st; also, that Overseers are to be appointed on the 25th, and the old Overseers verify their accounts within fourteen days.

In APRIL. Returns relative to the *Assessed Taxes* are delivered early in this month. Dividends due April 5th are payable on the 8th. *Fire Insurance* due at Lady-day, must be paid before the 8th. That *Easter Term* begins on the 15th. *Quarter Sessions*, 1st week in this month.

In MAY. That Easter Term ends on the 8th, that the hop-duty is collected on the 15th, that the 24th is the *QUEEN's* birth-day. And remember "round about the May-pole" from the 1st to the 13th; if the May-pole is falling, subscribe for another, or apply to the Lord of the Manor, and see what he will do.

In JUNE. Overseers, on the 20th, to fix on the church-doors notices as to persons qualified to vote for counties; persons on the register need not make a new claim, unless the qualification has been changed. Drink the Queen's health again on the 20th. *Trinity Term*, which began May 22th, ends the 12th of this month. So farewell to the Lawyers until November. *Quarter Sessions*, the last week.

In JULY. Midsummer dividends are payable on the 8th, and *Fire Insurance* premiums paid before the 8th. Appraisers' licences (who are not auctioneers) to be taken out on the 5th. The 20th is the last day for sending in claims as county voters. Before this day, also, parliamentary electors, in cities and boroughs, must have paid poor's rates and window tax to the 5th of April preceding, or lose their votes for the next year. Lists of Electors to be made out by overseers on or before the 31st. *St. Swithin* is an old deceiver; do not regard him.

In AUGUST. Expect shooting stars about the 8th. The 4th and 11th, being the 1st and 2d Sundays, Borough and County Lists to be affixed on church-doors signed by the Overseers. Hawkers' and Pedlars' licences taken out on the 1st. All taxes and rates due March 1, must be paid on or before the end of this month by persons claiming to be enrolled as Burgesses. — *Mun. Corp. Act.*

In SEPTEMBER. On the 1st, Lists of objections to both county and borough electors to be affixed on church-doors. On the 22d, Lists for the selection, by the Justices, of *Highway Surveyors* to be prepared.

In OCTOBER. Dividends due Oct. 16th are payable on the 14th. Revising Barristers to hold their courts between Sept. 15, and Oct. 31. *Michaelmas Fire Insurances* must be paid before the 13th. *Bankers' Licences* taken out on the 10th. *Quarter Sessions* in the first week after the 11th.

In NOVEMBER. 1st. Borough Councillors to be elected. The 1st a Holiday at some of the Public Offices. 9th. *Mayors and Aldermen* to be elected. 12th. Look out for shooting stars. 15th. Hop-duty collected, and Attorneys' certificates to be taken out. Don't let Alihallows day be quite forgotten; but forget, if you safely can, that Michaelmas Term begins on the 2d and ends on the 25th.

In DECEMBER. Forget not the Christmas festivities; nor neglect to ascertain how affairs stand with regard to your accounts, your families, your bodies, your souls. *TIME is the most Irresistible of all innovators*; but if you have built on a right foundation for eternity, you need not fear him.

*A TABLE OF THE
KINGS AND QUEENS OF ENGLAND,
SINCE THE CONQUEST.*

Kings and Queens.	Born A. D.	Reigns began. Y. M. D.	Reigned Y. M. D.	Reigns ended.	Age.	Where buried.
Will. Conq.	1027	1066 Dec. 25	20 8 15	1087 Sept. 9	60	Caen, Norm.
Will. Rufus	1057	1087 Sept. 26	12 10 7	1200 Aug. 2	43	Winchester.
Henry I.	1068	1100 Aug. 5	35 3 27	1135 Dec. 1	67	Reading.
Stephen	1105	1135 Dec. 26	18 10 0	1154 Oct. 25	49	Faversham.

THE SAXON LINE RESTORED.

Henry II.	1133	1154 Dec. 19	34 6 18	1189 July 6	56	Fontevrault.
Richard I.	1156	1189 Sept. 3	9 7 3	1199 April 6	43	Fontevrault.
John	1165	1199 May 27	17 4 23	1216 Oct. 19	51	Worcester.
Henry III.	1207	1216 Oct. 28	56 0 19	1272 Nov. 16	65	Westminster.
Edward I.	1239	1272 Nov. 20	34 7 17	1307 July 7	67	Westminster.
Edward II.	1281	1307 July 8	19 6 12	1327 Jan. 20	43	Gloucester.
Edward III.	1312	1327 Jan. 25	50 4 27	1377 June 21	65	Westminster.
Richard II.	1366	1377 June 22	22 3 7	1399 Sept. 29	33	Westminster.

THE LINE OF LANCASTER.

Henry IV.	1367	1399 Sept. 30	13 5 20	1413 Mar. 20	46	Canterbury.
Henry V.	1389	1413 Mar. 21	9 5 10	1422 Aug. 31	33	Westminster.
Henry VI.	1421	1422 Sept. 1	38 6 3	1461 Mar. 4	49	Windsor.

THE LINE OF YORK.

Edward IV.	1442	1461 Mar. 4	22 1 5	1483 April 9	41	Windsor.
Edward V.	1471	1483 April 9	0 2 16	1483 June 25	12	Not known.
Richard III.	1413	1483 June 26	2 1 26	1485 Aug. 22	42	Leicester.

THE FAMILIES UNITED.

Henry VII.	1456	1485 Aug. 22	23 7 30	1509 April 21	52	Westminster.
Henry VIII.	1492	1509 April 22	37 9 6	1547 Jan. 28	55	Windsor.
Edward VI.	1537	1547 Jan. 28	6 5 9	1553 July 6	16	Westminster.
Queen Mary	1516	1553 July 6	5 4 11	1558 Nov. 17	42	Westminster.
Qu. Elizabeth	1533	1558 Nov. 17	44 4 7	1603 Mar. 24	69	Westminster.

THE UNION OF THE ENGLISH AND SCOTCH CROWNS.

James I.	1566	1603 Mar. 24	22 0 3	1625 Mar. 27	58	Westminster.
Charles I.	1600	1625 Mar. 27	23 10 3	1649 Jan. 30	48	Windsor.
Charles II.	1630	1649 Jan. 30	36 0 7	1655 Feb. 6	54	Westminster.
James II.	1633	1655 Feb. 6	3 10 5	1685 Dec. 11	67	Paris.
William III.	1650	1689 Feb. 13	13 0 20	1702 Mar. 8	51	Westminster.
Mary II.	1662				32	Westminster.

THE UNION OF THE TWO KINGDOMS.

Queen Anne	1665	1702 Mar. 8	12 4 24	1714 Aug. 1	49	Westminster.
George I.	1660	1714 Aug. 1	12 10 16	1727 June 11	67	Hanover.
George II.	1683	1727 June 11	33 4 14	1760 Oct. 25	77	Westminster.
George III.	1738	1760 Oct. 25	59 3 4	1820 Jan. 29	82	Windsor.
George IV.	1762	1820 Jan. 29	10 4 28	1830 June 26	68	Windsor.
William IV.	1765	1830 June 26	6 11 25	1837 June 20	72	Windsor.
VICTORIA	1819	1837 June 20				Whom God preserve.

The COMMONWEALTH, under Cromwell and his Son, lasted from Jan. 30th, 1649, to May 29th, 1660; or 11 years 3 months 29 days.

It was not until the reign of Elizabeth that the principle, that "*The King never dies,*" was admitted; that of hereditary right, from November, 1272.

The three longest reigns were those of *Henry III.*, *Edward III.*, and *George III.*. *Richard I.*'s body was buried at Fontevrault, his head at Rouen, and his heart at Charron, agreeably to his own directions. H. VI. dep. in 1461, d. in 1471.

John was crowned four times, viz. on May 27th, 1199; on Oct. 8th, 1200; on March 25th, 1201; and on April 14th, 1202.

Henry III. was crowned twice: viz. Oct. 28th, 1216; and May 17th, 1220.

Edward III. was King of France from January 1340 to May 1360. Some legal documents between July 5th & 17th, 1553, refer to *Jane [Grey]* as Queen.

BIRTH-DAYS OF THE ROYAL FAMILY.

QUEEN VICTORIA	-	-	-	-	born 24 May 1819.
PRINCE ALBERT	-	-	-	-	born 26 Aug. 1819.
THE PRINCESS ROYAL	-	-	-	-	born 21 Nov. 1810.
ALBERT EDWARD, PRINCE OF WALES	-	-	-	-	born 9 Nov. 1811.
PRINCESS ALICE MAUD MARY	-	-	-	-	born 25 April 1843.

Queen Dowager	-	13 Aug. 1792	George Frederick of Han.	27 May 1819
King of Hanover	-	5 June 1771	George William of Cam.	26 Mar. 1819
Duke of Cambridge	-	24 Feb. 1774	Augusta Caroline of Cam.	19 July 1822
Duchess of Gloucester	-	25 April 1776	Mary Adelaide of Cam.	27 Nov. 1833
Princess Sophia	-	3 Nov. 1777	*	
Duchess of Kent	-	17 Aug. 1786		
Duchess of Cambridge	-	25 July 1797	Princess Sophia Matilda	29 May 1773

SOVEREIGNS OF EUROPE.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c.	VICTORIA	May 24 - 1819	June 20 - 1837
France, &c.	Louis Philippe I.	Oct. 6 - 1773	Aug. 9 - 1830
Russia, &c.	Nicholas	July 7 O. S. 1796	Dec. 1, O. S. 1825
Spain	Maria Isabella	Oct. 10 - 1830	Sept. 29 - 1833
Portugal	Maria de Gloria	April 4 - 1819	May 2 - 1826
Prussia	Frederic Win. IV.	Nov. 15 - 1795	June 7 - 1840
Netherlands	William II.	Dec. 6 - 1792	Oct. 7 - 1840
Belgium	Leopold I.	Dec. 16 - 1799	July 21 - 1831
Denmark	Frederic VII.	Sept. 18 - 1806	Dec. 3 - 1839
Sweden & Norway	Charles XIV.	Jan. 25 - 1761	Feb. 5 - 1818
Austria, &c.	Ferdinand	April 19 - 1793	Mar. 2 - 1835
Popedom	Gregory XVI.	Sept. 18 - 1765	Feb. 2 - 1831
Sardinia	Charles Amadeus	Aug. 16 - 1800	Apr. 27 - 1831
Naples, &c.	Ferdinand II.	Jan. 12 - 1810	Nov. 8 - 1830
Ottoman Empire	Abdul Medjid	April 19 - 1823	July 1 - 1839
Hanover	Ernest Augustus	June 5 - 1771	June 29 - 1837
Greece	Otho I.	June 1 - 1815	Feb. 6 - 1833
Bavaria	Louis Charles	Aug. 25 - 1786	Oct. 13 - 1825
Saxony	Frederick	May 18 - 1797	June 6 - 1836

TABLE TO CALCULATE WAGES.

Pr. Yr. Per Month.	Pr. Week.	Per Day.	Pr. Yr. Per Month.	Pr. Week.	Per Day.
£	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.
1	0 1 8	0 0 4½	0	5 9	0 9
2	0 3 4	0 0 9½	0 1 4	6 11	0 10½
3	0 5 0	0 1 1½	0 2	6 6	0 11½
4	0 6 8	0 1 6½	0 2 ½	7 0	0 11½
5	0 8 4	0 1 11	0 2 ¾	7 3	1 0½
6	0 10 0	0 2 3½	0 4	7 8	1 1½
7	0 11 8	0 2 8½	0 4 ½	10 0	1 7½
8	0 13 4	0 3 6½	0 5 ½	11 6	2 2½
9	0 15 0	0 3 5½	0 6	15 4	2 9
10	0 16 8	0 3 10	0 6 ½	19 2	3 2½
11	0 18 4	0 4 2½	0 7 ¼	16 8	3 10
12	1 0 0	0 4 7½	0 8	13 1	4 4½
13	1 1 8	0 4 11½	0 8 ½	10 0	4 11½
14	1 3 4	0 5 4½	0 9 ¼	18 4	5 5½
			100	8 6 8	18 4

The Months in the above Table are calculated at only Twelve Months to the Year. If the yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per Year are Ten Shillings per Month; but, if the Wages be Six Guineas, add one Penny for each Guinea, that is, Sixpence, and it will then be Ten Shillings and Six pence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Five-pence per Week.

A plain and easy TABLE, showing the time of HIGH WATER.

Note.—Opposite the Moon's Age in the first column you have nearly the time of High Water at the Places specified in the several columns: * denotes a little before, † a little after.

† Bant, Calais, Chichester, † Cromartie, † Deal, Dunkirk, Gravellines, † Greenock, Harwich, Kentish Knock, Liverpool, N. Foreland, Portsmouth Dock-yard, † Ratsgate, Southampton, St. Helen's.
 * Aberdeen, Bergen, * Flushing, Goodwin Sands, Gravesend, † Gore, † May Isle, † Montrose, Romney, * Nore Light, † Tay Bar.

† Amsterdam, † Alne, Berwick, † Blythe, † Burnt Island, Cuckold's Point, Dunbar, Dundee, Drontheim, Eyemouth, † Hartlepool, Helena (St.), Leith Pier, LONDON BRIDGE, † Rotterdam.

Barnstaple Bar, † Bolt Head, * Donaghadee, * Edystone, Falmouth, Fowey, † Millford Haven, * Morlaix, Fly-mouth Dock-yard, † Saltrees.

Achill II., Bridport, Cancale B., Carmarthen Bar, Dartmouth, † Exmouth, † Guernsey Pier, Hull, Lewis Islands, Pembroke Dock-yard, † Portland Pier, St. Malo, Swansea Bay, Torbay, † Weymouth.

† Barnmouth, Chirchbourg, * Boston, * Bristol, Brehat Isle, Dudccon Light, † Gironde Mouth, Sandy Hook, † Texel (S.P.), Wexford Harbour.

Aldboro', * Amblewick, † Beachy Off., Calf of Man, Cowes, Douglas, Dundalk, Dungeness, * Havre, * Pentland Firth, Rye, * Stromness, Yarmouth Sands.

Cairston, Cantire (Mull), Cargaryon, * Christchurch II., Donaghadee, † Lerwick, † Needles, Rathlin I., † Spithead, Texel, Wicklow.

N.B.—The Moon's Age is given in the Calendar pages.

D. s. A.	h. m.									
0 15	11 38	1 30	2 18	5 36	6 8	7 33	10 48	9 10		
1 16	12 26	2 18	3 6	6 18	6 56	8 21	11 36	9 58		
2 17	1 14	3 6	3 54	7 6	7 44	9 9	12 24	10 46		
3 18	2 2	3 54	4 42	7 54	8 32	9 57	1 12	11 34		
4 19	2 50	4 42	5 30	8 42	9 20	10 45	2 0	12 22		
5 20	3 38	5 30	6 18	9 30	10 8	11 33	2 48	1 10		
6 21	4 26	6 18	7 6	10 18	10 56	12 21	3 36	1 58		
7 22	5 14	7 6	7 51	11 6	11 44	1 9	4 24	2 46		
8 23	6 2	7 54	8 42	11 54	12 32	1 57	5 12	3 34		
9 24	6 50	8 42	9 30	12 42	1 20	2 45	6 0	4 22		
10 25	7 38	9 30	10 18	1 30	2 8	3 33	6 48	5 10		
11 26	8 26	10 18	11 6	2 18	2 56	4 21	7 36	5 58		
12 27	9 14	11 6	11 54	3 6	3 44	5 9	8 24	6 46		
13 28	10 2	11 54	12 42	3 51	4 32	5 57	9 12	7 34		
14 29	10 50	12 42	1 30	4 42	5 20	6 45	10 0	8 22		

NOTE.—The times in the above Table, though only approximative, are usually true within half an hour.

A Table of the Equation of Time, for regulating Clocks and Watches for 1844.

D.	January.	February.	March.	April.	May.	June.
1	3m. fa. 35s.	13m. fa. 50s.	12m. fa. 32s.	3m. fa. 53s.	3m. slo. 4s.	2m. slo. 28s.
3	4 32	14	5 12	7	3 16	2 10
5	5 26	14	16 11	40	2 41	1 50
7	6 20	14 *	25 11	11	2 6	1 28
9	7 11	14	30 10	40	1 32	1 5
11	8 0	14	32 10	8	0 59	0 41
13	8 47	14	31 9	36	0 28	0 17
15	9 31	14	27 9	2	0 slo. 3	0 fa. 9
17	10 13	14	21 8	27	0 31	0 34
19	10 52	14	11 7	51	0 58	1 0
21	11 28	13	59 7	15	1 24	1 26
23	12 1	13	44 6	39	1 48	1 52
25	12 31	13	26 6	2	10 3	2 18
27	12 58	13	6 5	25	2 30	2 43
29	13 21	12	44 4	48	2 48	3 7
31	13 41	-	4 11	-	2 37	-

Equation of Time Table — *continued.*

D.	July.	August.	September.	October.	November.	December.
1	3m. fa. 30s.	6m. fa. 0s.	0m. slo. 15s.	10m. slo. 26s.	16m. slo. 17s.	16m. slo. 37s.
3	53	5	51	0	53	16
5	4	14	5	40	1	18
7	4	31	5	27	2	9
9	4	52	5	11	2	8
11	5	9	4	53	12	7
13	5	24	4	33	4	15
15	5	37	4	11	4	20
17	5	49	3	47	5	23
19	5	58	3	20	6	25
21	6	5	2	52	7	26
23	6	9	2	22	7	27
25	6	11	1	50	8	0
27	6	11	1	16	9	fa.
29	6	8	0	41	9	33
31	6	3	0	4	-	32
				16	16	31
					-	28

Note.—Fa. means Clock to be fast; *that is*, your Clock, to be right, must be so much faster than the Sun Dial—slo. that your Clock must be so much slower than the Sun Dial. See p. 27., Almanack for 1837.

To set a Clock or Watch on any Day by means of this Table:—Take out the number of Minutes and Seconds which stands against that day, and make your Clock or Watch so much faster or slower (according as the Table is marked *fa.* or *slo.*) than the time on a good Sun Dial. Thus, on January 1st, the Clock must be set 3m. 35s. *faster* or *before* the dial: on the 1st of October, it must be set 10m. 26s. *slower*. Correct the Watch when the Dial marks just an hour, as 9, 10, 11, 1, 2, 3, or 4 o'clock. Noon is *not* best, nor near Sun-rise or Sun-set.

Note.—The Sun's risings and settings, as well as all other astronomical matters in this Almanack, are now given in Mean Solar or Clock Time, as best fitted for my numerous friends.

A TABLE showing the Days on which the Moon enters the several Signs of the Zodiac, in 1844.

Days of Month.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-	-	Ω	เมษ	♉	♊	♋	♌	♍	♎	♏	♑
2	II	-	-	-	-	-	-	-	-	-	-	-
3	-	Ω	♒	♓	♑	♉	♊	♋	♌	♍	♎	♏
4	-	-	-	-	-	-	-	-	-	-	-	-
5	♊	-	♓	♑	♉	♊	♋	♌	♍	♎	♏	♑
6	Ω	-	♒	♓	♑	♉	♊	♋	♌	♍	♎	♏
7	-	เมษ	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	♒	-	♓	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	เมษ	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-

32 PLANETARY PHENOMENA, &c. [MOORE.]

MEAN TIME at GREENWICH when the PLANETS enter the several Signs of the ZODIAC in 1844.

MERCURY.

		h. m.		h. m.	
January -	5th, at	2 0 morn.	☿	May -	31st, at 7 42 morn. ☽
February	8th, at	4 0 aft.	♀ R	July -	16th, at 11 23 morn. ♡
	12th, at	4 30 aft.	☽	September	1st, at 11 22 morn. ♪
March -	11th, at	1 20 aft.	☽	October	18th, at 3 47 aft. ☾
	29th, at	9 16 aft.	♀	December	4th, at 3 9 aft. ☽
April -	13th, at	3 29 aft.	♂		JUPITER.
	30th, at	3 49 morn. ♪	☿	January -	17th, at 0 0 morn. ☿
July -	7th, at	2 36 aft.	☽	June -	2d, at 2 40 aft. ♀
	22d, at	4 58 morn. ♡	☽	September	13th, at 9 0 aft. ☿ R
August -	6th, at	5 18 aft.	♀		SATURN.
	26th, at	11 50 aft.	☿	February	3d, at 0 52 aft. ☽
October -	4th, at	8 0 aft.	♀ R		URANUS.
	10th, at	9 20 morn. ☽	☿	February	9th, at 8 3 aft. ♀
November	1st, at	6 25 morn. ☽	☿		NOTE.—When R occurs, it shows the planet is <i>retrograde</i> , and that it enters at the terminating point of the sign against which it stands.
December	19th, at	8 56 aft.	♀		
	9th, at	4 10 morn. ♀	☿		

VENUS.

January	23d, at	2 57 aft.	♀
February	16th, at	11 42 aft.	♀
March -	12th, at	9 8 aft.	♂
April -	7th, at	4 35 aft.	♀
May -	5th, at	8 31 morn. ☽	☽
June -	8th, at	9 40 morn. ♡	♀
July -	25th, at	3 20 morn. ☽ R	☽ R
September	4th, at	5 0 aft.	☽
October -	9th, at	7 17 morn. ♪	♀
November	5th, at	4 30 aft.	☽
December	1st, at	3 0 morn. ☽	☽
	25th, at	6 29 aft.	♀

MARS.

January -	22d, at	8 12 aft.	♀
March -	4th, at	9 13 morn. ☽	☽
April -	16th, at	0 0 aft.	♀

The Times when the PLANETS are stationary in 1844, M.T. Greenwich.

January	20	3 morn.	☽ D. S. R. in ☽
February	10	7 morn.	☽ R. S. D. in ♀
May -	17	11 morn. ☽	D. S. R. in ☽
	17	4 aft.	D. S. R. in ♪
June -	10	0 morn.	☽ R. S. D. in ♪
	30	6 aft.	D. S. R. in ♡
July -	11	5 aft.	☽ D. S. R. in ♀
	24	1 aft.	☽ D. S. R. in ♀
August	14	1 morn.	☽ R. S. D. in ☽
September	15	2 aft.	☽ D. S. R. in ☽
October	5	0 morn.	☽ R. S. D. in ☽
	6	9 aft.	☽ R. S. D. in ♪
November	19	3 aft.	☽ R. S. D. in ☽
December	11	8 aft.	☽ R. S. D. in ♀

On KNOWLEDGE, and its great UTILITY, &c.

If knowledge, in its advance, dispels the darkness and perplexity of error, and you wish to expatriate with freedom and safety in the light of truth,—pursue it. If knowledge, united with uprightness, bring esteem and confidence, and you love to be esteemed and confided in,—pursue it. If knowledge is power, and you love power and influence,—pursue it. If knowledge carry in its train extended usefulness, and you love to be extensively useful in your profession and in the world,—pursue it. If knowledge, as it becomes augmented, enlarges its own power of expansion; if the mere consciousness of progression makes your progress more continuous, and you feel the delights of a daily advance in knowledge,—pursue it. If it be heaven upon earth to have a man's mind move in charity, rest in Providence, and turn upon the poles of truth, and sound knowledge in its various streams leads to this exhilarating confluence of good,—pursue it. If knowledge, rightly conducted, and directed to right ends, bring you nearer to the fountain of knowledge, and thus makes you more happy, while it enlarges your capacity of conferring happiness upon others, and you live to be happy, and to confer happiness,—pursue it. But while you pursue it, let me entreat you to avoid most carefully the greater error of mistaking or misplacing the ultimate object of knowledge. For many, says Lord Bacon, have entered into a desire of learning and knowledge; some upon an inbred and restless *curiosity*; others for *ornament and reputation*; others for *contradiction* and victory in dispute; others for *lucre* and living; few to improve the gift of reason given them from God, to the benefit and use of man. As if there were sought in knowledge a *couch* whereupon to ease a restless and searching spirit; or a *terrace* for a wandering and variable mind to walk up and down in, at liberty unrestrained; or some lofty *tower of state*, from which a proud and ambitious mind may have a prospect; or a *fort*, and commanding ground for strife and contention; or a *shop* for profit and sale; and not rather a rich *storehouse* for the glory of the Creator of all things, and the relief of man's estate.

STAMP DUTIES.

RECEIPTS.	s. d.	BONDS AND MORTGAGES. £ s.
If £5 and under £10	- - 0 3	For any Sum not above £50 - - 1 0
10 ditto 20	- - 0 6	£50 and not above £100 - - 1 10
20 ditto 50	- - 1 0	100 ditto 200 - - 2 0
50 ditto 100	- - 1 6	200 ditto 300 - - 3 0
100 ditto 200	- - 2 6	300 ditto 500 - - 4 0
200 ditto 300	- - 4 0	500 ditto 1,000 - - 5 0
300 ditto 500	- - 5 0	1,000 ditto 2,000 - - 6 0
500 ditto 1,000	- - 7 0	2,000 ditto 3,000 - - 7 0
1,000 and upwards	- - 10 0	3,000 ditto 4,000 - - 8 0
Any sum, if in full	- - 10 0	4,000 ditto 5,000 - - 9 0
The Stamp to be paid by the Person giving the Receipt.		5,000 ditto 10,000 - - 12 0

Receipt Stamps necessary if money be paid by Promissory Notes, &c.

BILLS & PROMISSORY NOTES

Payable on Demand or at Other-not exceeding 2 mo. after wise date, or 60 days aft. sight payab.

£ s.	£ s. s. d.	s. d.
If for 2 0	5 5 1 0	1 5
Above 5 5	20 0 1 6	2 0
20 0	20 0 2 0	2 6
30 0	50 0 2 6	3 6
50 0	100 0 3 6	4 6
1 0 0	200 0 4 6	5 0
200 0	300 0 5 0	6 0
300 0	500 0 6 0	8 6
500 0	1,000 0 8 6	12 6
1,000 0	2,500 0 12 6	15 0
2,000 0	3,000 0 15 0	25 0
3,000 0	25 0 30 0	

Penalty for post-dating Bills, £100.

Exceeding	For any Sum not above £50 - - 1 0
	£50 and not above £100 - - 1 10
	100 ditto 200 - - 2 0
	200 ditto 300 - - 3 0
	300 ditto 500 - - 4 0
	500 ditto 1,000 - - 5 0
	1,000 ditto 2,000 - - 6 0
	2,000 ditto 3,000 - - 7 0
	3,000 ditto 4,000 - - 8 0
	4,000 ditto 5,000 - - 9 0
	5,000 ditto 10,000 - - 12 0

Bonds of Indemnity - - - - - 1 15
Mortgages made as Bonds, with a progressive Duty on Mortgages of £1, and on Bonds of £1 5s. for every additional £60 words beyond the first 1,080.

LEASE FOR A YEAR.

Where the Purchase Money shall not amount to £20	£ s.
£20 and not amount to £50	0 10
£50 ditto 100	0 15
100 or upwards	1 5

MORTGAGES, the same Duty as on Bonds.

LEGACIES OR £20 AND UPWARDS.	
To Children or Parents	14 per cent.
Brother or Sister	3 do.
Uncle or Aunt	5 do.
Great Uncle or Aunt	6 do.
All other Relations or Strangers	10 do.
Husband, Wife, and Royal Family	exempted.

TRANSFERS AND DIVIDENDS IN THE FUNDS.

Name of the Stock.	Days of Transfer.	Due.	Hours.
BANK Stock	Tu W Th F		1 Hours for buying, seding, and trans-
3 per cent. Reduced	Tu W Th F	April 5	ferring, from 11 to 1;
3½ per cent. Reduced	Tu W Th F	and	for accepting, from 9 to 3; for pay-
3½ per cent. 1818	Tu W Th F	Oct. 10	ment of Dividends, from 9 to 3 every
Long Annuities	Tu W Th F		day. No transfer business after 1 on
3 per cent. Consols	Tu W Th F	Jan. 5	Saturdays.
Ditto, 1726	Tu W Th F	and	Hours of Transfer, from 12 to 1; for re-
New 3½ per cent.	Tu W Th F	July 5	ceiving Dividends, from 9 to 2.
New 5 per cent.	Tu W Th F	July 5	Interest due, Mar. 31, Sept. 30.

SOUTH SEA Stock M - W - F - } Jan. 5 } from 12 to 1; for re-
3 per cent. New Ann. - Tu - Th - S } receiving Dividends, - 3 per cent. 1751 - Tu - Th - S } from 9 to 2.
INDIA Stock - - - Tu - Th - - Jan. 5, July 5.

India Bonds - - - - - Interest due, Mar. 31, Sept. 30.

Private Transfers may be made at other times than as above, by paying 7s. 6d. extra at the Bank and India House, and 3s. 6d. extra at the South Sea House.

HOLIDAYS AT THE BANK.

There are now only four, viz. Christmas Day, Good Friday, May 1., and Nov. 1. Of these the first two only are observed at the Dividend Office.

Chronology OF REMARKABLE OCCURRENCES.

Years of Christ.

1066	Norman Conquest.	1804	Buonaparte made Emperor.
1115	First Parliament of two Houses.	1805	Battle of Trafalgar.
1185	Ireland conquered by the English.	1805	Deaths of Mr. Pitt and Mr. Fox.
1304	Edward I. reduced Scotland.	1807	English take Copenhagen; Treaty of Tilsit; Portuguese government emigrate to the Brazils; Gas Lights instituted.
1369	Wycliffe began the Reformation.	1809	Jan. 16, Battle of Corunna.
1492	Columbus discovered America.	1812	Moscow burnt.
1584	Sir Wal. Raleigh discovered Virginia.	1813	War with America; Revolution in Holland; Pr. of Orange recalled.
1588	Spanish Armada destroyed.	1814	Severe Frost; Allies invaded France; Capitulation of Paris; Buonaparte abdicated, & went to Elba; Emperor of Russia, King of Prussia, &c., visited London; Peace proclaimed.
1603	Plague in London; died 56,570.	1815	Buonaparte returned to France; BATTLE OF WATERLOO; Surrender of Paris; Return of Louis XVIII.; Buonaparte exiled to St. Helena, where he died May 5, 1821.
1605	Popish Gunpowder Plot, Nov. 5.	1816, 1817, 1819,	Vauxhall, Waterloo, and Southwark Bridges opened.
1610	Jupiter's Satellites discovered.	1820	GEORGE III. died, Jan. 29.
1611	New Translation of the Bible, by Royal Authority.	1825	South America independent.
1614	New River brought to London.	1825	Independ. of Hayti acknowledged.
1616	Shakspeare died.	1827	Battle of Navarino, Oct. 20.
1625	Plague in London; died 34,517.	1828	Repeal of the Test and Corporation Acts.
1632	Fire on London Bridge, Feb. 11.	1829	Apr. 13, Catholic Relief Bill passed.
1649	King Charles I. beheaded, Jan. 30.	1830	June 26, GEORGE IV. died, aged 68; Accession of WILLIAM IV.
1653	Cromwell made Protector, Dec. 12.	1830	July, Algiers taken by the French.
1655	George Fox, first of the Quakers.	1830	July 27, Revolution in France; abdication of Charles X.; the Duke of Orleans declared King; Revolution at Brussels.
1658	Oliver Cromwell died, Sept. 3.	1831	July 21, Leopold, of Saxe Coburg, installed King of the Belgians.
1660	Charles II. restored, May 29.	1831	July 21, Emperor of Brazil abdicated.
1662	Royal Society instituted.	1831	Aug. 1, London Bridge opened; first stone laid June 1, 1825.
1666	Burning of London, Sept. 2.	1832	March 21, General Fast on account of the Cholera.
1669	Royal Exchange first opened.	1832	Reform of Parliament Bills passed.
1670	Prince of Orange arrived.	1833	Prince ORTHO, of Bavaria, chosen King of Greece; Don Pedro invaded Portugal; Miguel's Fleet taken by Captain Napier; Slave Emancipation Bill passed.
1672	Halfpence & Farthings first coined.	1835	Sept. Municipal Corporations Act.
1677	Pr. of Orange married Prs. Mary.	1836	New Marriage Act passed.
1678	The Popish Plot discovered.	1837	WILLIAM IV. died June 20.
1679	The Habeas Corpus Act passed.	1838	Jan. 10, Royal Exchange burnt.
1688	7 Bishops sent to the Tower, June 8.	1838	June 28, Queen VICTORIA crowned.
1688	Pr. of Orangeland at Torbay, Nov. 4.	1840	Feb. 10, Queen m. to Prince Albert.
1688	King James II. abdicated, Dec. 12.	1841	Sovereignty of New Zealand claimed.
1689	William & Mary crowned, Apr. 11.	1842	May 5, A Fire at Hamburg, destroying one-third of the City and three Churches.
1693	Bank of England established.	1843	Feb. 8 & 9. Most destructive Earthquake at St. Domingo, Guadalupe, and other West India Islands.
1704	Gibraltar taken by Sir Geo. Rooke.		
1707	England & Scotland united, May 1.		
1727	Sir Isaac Newton died, March 20.		
1727	Earthquake in several parts of England.		
1745	A Rebellion in Scotland.		
1746	Battle of Culloden, April 16.		
1751	Westminster Bridge finished.		
1752	Style and Calendar altered, Sept. 2.		
1755	Lisbon destroyed by an Earthquake.		
1765	General Warrants declared illegal.		
1775	American War declared, Aug. 23.		
1776	Americans declare their Independ.		
1778	War against France.		
1779	War against Spain.		
1780	War against Holland.		
1783	A General Peace. — Fiery Meteor passed over England, Aug. 18.		
1784	Establishment of Mail Coaches.		
1792	France a Republic. — King of Sweden shot by Ankerstrom.		
1793	King & Queen of France guillotined.		
1796	Great Earthquake at Lisbon.		
1797	Ireland invaded by the French; Suspension of Cash Pays. at the Bank.		
1798	Battle of the Nile, Aug. 1.		
1799	Buonaparte made First Consul.		
1801	Union with Ireland. — General Peace.		
1801 1802, 1804.	The Planets <i>Ceres</i> , <i>Pallas</i> , and <i>Juno</i> , discovered.		
1803	War with France renewed, after a peace of 14 months.		

AN ACCOUNT OF

THE ECLIPSES OF THE SUN AND MOON,

*And other Appearances in the Heavens, in the Year 1844,
the Result of careful Calculations from the most correct
and approved Data relative to the Celestial Bodies.*

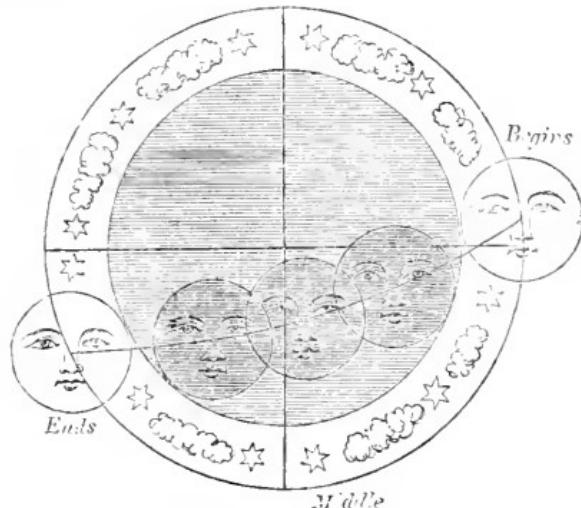
THE sciences of Astronomy and Philosophy are studies, next to that of ourselves, the most worthy of cultivation, on account of the grand scenes they display, and the lofty ideas they transmit, of the power, the wisdom, and the goodness of the great Creator. These sciences have, in all ages and countries flourishing in arts and politeness, engaged the attention of the curious, employed the pens of the most eloquent orators, and embellished the writings of the poets of the most elevated genius.

As to the first of these sciences, the Astronomer has for the subject of his speculations the whole universe of material beings; he considers the nature of matter in general, and inquires by what laws the several parts of it act upon each other: but his thoughts are more particularly employed in investigating the nature of those great bodies that compose the visible system of the universe, which in common speech are comprehended under the appellation of the Sun, Moon, and Stars.—Those unacquainted with this sublime science have no greater ideas of the stars than as a multitude of bright spangles dropped over the ethereal blue. They conceive no other of these fine appearances, than of their being so many golden stads, with which the empyrean arch is decorated. But studious minds, that carry a more accurate and strict inquiry among these celestial lights, bring back advice of the most astonishing import concerning their beautiful order, and the laws which govern them; which loudly proclaim the infinite wisdom of the divine Architect, in thus disposing of the matter with which the universe is composed. Any further introduction is unnecessary: I find, on the sure principles of Astronomy,—

The Queen of night, illumined by solar ray,
Three times shall pass before the Orb of day,
And twice through Teira's shade shall roll her sphere,
Within the limits of this fleeting Year.

1. The first of these phenomena is a total Eclipse of the Moon, on Friday, the 31st of May, in the night, and consequently visible in these parts of the globe. The following representation

for Greenwich will serve, without sensible error, the whole island of Great Britain.



The following are the Mean Times of this Eclipse, according to the respective meridians of the places here mentioned :—

Eclipse of the Moon May 31st, p. m.	Greenwich.	Dover.	York.	Manches- ter.	Plymouth.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.
Beginning	- 9 9 0	9 14 16	9 4 36	9 0 0	8 52 30
Total Dark. beg.	10 11 36	10 16 52	10 7 12	10 2 36	9 55 6
Ecliptic ♂	- 10 47	6 10 52	22 10 42	42 10 38	6 10 30 36
Middle	- 10 50	12 10 55	29 10 45	48 10 41	12 10 33 42
Total Dark. ends	11 28 48	11 34 4 11	24 24 11	19 48 11	12 18
End of Eclipse	12 31 24	12 36 40	12 27 0 12	22 24 12	14 54

Digits eclipsed on the Moon's northern limb = 15 dig. 55' 26".

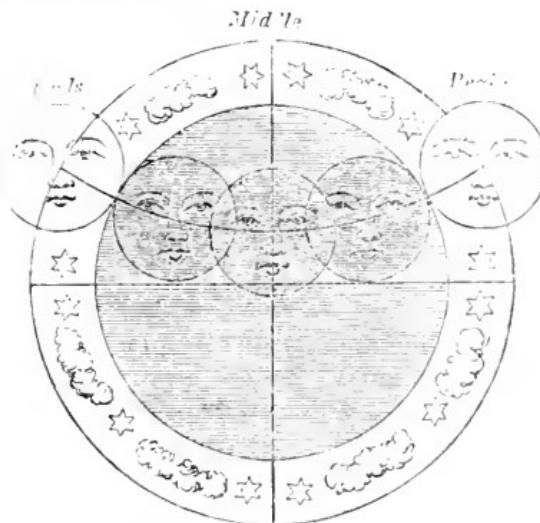
At the beginning of this Eclipse the Moon will be vertical in lat. $22^{\circ} 25'$ S., and long. $41^{\circ} 1'$ E., which falls in the *Mozambique Channel*, between the Island of *Madagascar* and *Cape St. Sebastian*, on the eastern coast of *Africa*. At the commencement of total darkness she will be overhead, in lat. $22^{\circ} 28'$ S., and long. $26^{\circ} 2'$ E., nearly due north from *Lattakoo*, in the unexplored regions of *Africa*. At the middle of the Eclipse she will be in the zenith, in lat. $22^{\circ} 29'$ S., and long. $16^{\circ} 48'$ E., in the *Desert of Coneritan*, not far from *Fish River*, near the western border of *Africa*. At the termination of total darkness the moon will be in the zenith in lat. $22^{\circ} 50'$ S., and long. $7^{\circ} 54'$ E., which falls in the *South Atlantic Ocean*; and at the end of the Eclipse she will be overhead, in lat. $22^{\circ} 52'$ S., and long. $7^{\circ} 25'$ W., about 500 miles S. of *St. Helena*, an island about 21 miles round, consisting of one steep, high rock, which gives it the appearance of a

castle in the middle of the sea. This island is said to have been discovered by the Portuguese, on the festival of the Empress *Helena*, mother of the Emperor *Constantine the Great*, whose name it still bears. The remains of *Buonaparte* were interred here, in 1821, and afterwards removed to *France*. This Eclipse will be visible to the principal parts of *Europe*, to all *Africa*, and some portions of *Asia* and *America*.

2. The second is a solar defect, on *Saturday*, June 15th, when the ecliptical conjunction of the Sun and Moon takes place, at about 26 min. past 12 o'clock at night, consequently invisible to us. This Eclipse begins on the earth generally at 10h. 4m. p. m. Greenwich mean time, in lat. $38^{\circ} 1'$ S., and long. $158^{\circ} 56'$ E., and ends on *Sunday* morning the 16th, at 2h. 22m. in lat. $45^{\circ} 50'$ S., and long. $149^{\circ} 47'$ W. This Eclipse will be visible in the *South Pacific*, and *Great Southern Oceans*, and, where greatest, will amount to about 9 digits.

3. The third is another partial Eclipse of the Sun, on *Sunday*, the 10th of *November*, but invisible to us and all *Europe*. The ecliptical ♂ of the luminaries happens at 9h. 56m. A. M. This phenomenon commences on the earth generally at 9h. 12m. A. M., in lat. $60^{\circ} 12'$ S., and long. $84^{\circ} 56'$ W., and terminates at 10h. 50m. A. M., in lat. $72^{\circ} 52'$ S., and long. $172^{\circ} 55'$ W. This Eclipse will be visible to only a small portion of the *Great Southern Ocean*, and will not, where greatest, exceed one-ninth part of a digit.

4. The fourth is another total Eclipse of the Moon, in the night of *Sunday*, the 24th of *November*, and visible to us and all *Europe*. The following is an accurate type of this phenomenon as it will appear at *Greenwich*, and will answer tolerably well for any place in our *island*.



The following are the Mean Times of this Eclipse, according to the respective meridians of the places here mentioned: —

Eclipse of the Moon Nov. 24th, P. M.	Greenwich.	Dover.	York.	Manches- ter.	Plymouth.
	h. m. s.	b. m. s.	h. m. s.	h. m. s.	h. m. s.
Beginning -	9 49 36	9 54 52	9 45 12	9 40 36	9 33 6
Total Dark. beg.	10 58 01	11 3 16	10 53 36	10 49 01	10 41 30
Ecliptic ♂ -	11 42 6	11 47 22	11 37 42	11 33 6	11 25 36
Middle - -	11 44 30	11 49 46	11 40 6	11 35 30	11 28 0
Total Dark. ends	12 31 0	12 36 16	12 26 36	12 22 0	12 14 30
End of Eclipse	13 39 24	13 44 40	13 35 0	13 30 24	13 22 54

Digits eclipsed on the Moon's southern limb = 17 dig. 13' 12".

At the beginning of this Eclipse the Moon will be vertical in lat. $20^{\circ} 57'$ N., and long. $28^{\circ} 27'$ E., which falls to the west of the *Arabian Gulf*, near *Dongola*, in *Nubia*. At the middle she will be overhead, in lat. $21^{\circ} 5'$ N., and long. $0^{\circ} 59'$ E., near *Taudeny*, in the *Great Desert of Africa*. At the end of the Eclipse the Moon will be in the zenith, in lat. $21^{\circ} 9'$ N., and long. $27^{\circ} 9'$ W., in the *Atlantic or Western Ocean*, not far from the *Cape de Verd Islands*. This Eclipse, therefore, will be visible to the whole of *Europe* and *Africa*, to the western parts of *Asia*, the eastern parts of *South* and *North America*, and round the *North Pole*.—
Note. The Moon will be visible during the whole time she is immersed in the shadow of the earth, appearing of a dull red or copper colour: the Earth's atmosphere

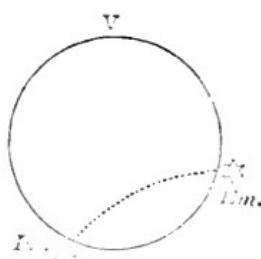
Refracts into the shade the solar light,
Which renders visible the orb of night.

We now come to the *fifth* and *last* Eclipse of the present year, which is a partial one of the *SUN*, on *Monday*, the 9th of *December*; but as the ecliptic ♂ takes place more than four hours after sunset, this phenomenon, of course, must be invisible to the inhabitants of *Great Britain*. This Eclipse begins on the earth generally at 6h. 19m. p. m., in lat. $44^{\circ} 25'$ N., and long. $162^{\circ} 10'$ W., and ends at 9h. 44m. p. m., in lat. $44^{\circ} 57'$ N., and long. $82^{\circ} 52'$ W.; therefore it will be visible to the *North Pacific Ocean*, and the greater part of *North America*. The defect, where greatest, will be about 8 digits.

LUNAR OCCULTATIONS.

February 6th, the Moon occults *e* in Ω , a star between the fourth and fifth magnitudes; immersion at 11h. 30m., and emersion at 12h. 38m. in the night.—*March* 15th, π *Sagittarii*, also between the fourth and fifth magnitudes; immersion at 4h. 49m., and emersion at 5h. 41m. in the morning.—*April* 1st, *e* in Ω again; imm. 6h. 41m., and emers. 7h. 55m. in the evening.—*April* 20th, the Moon occults the planet Mars; imm. 5h. 59m., and emers. 5h. 14m. afternoon: but in consequence of the planet being then at a great distance from the earth, and so much in

the rays of the sun, the phenomenon will be invisible even to those who are in possession of good telescopes.—*September 5th*, ι in \wp is occulted : immersion at 0h. 51m., and emersion at 1h. 47m. in the morning.—*November 25th*, ι \wp again; imm. 10h. 50m., and emers. 11h. 56m. in the night.—*December 25th*, ζ in \wp , being a star of the third magnitude. I here insert a type of this occultation:—Im. the place of immersion, which happens at 9h. 10m.; and Em. that of emersion, which takes place at 10h. 17m. in the night.—*December 31st*, one more occultation of e in Ω ; the star immerses at 5h. 49m.; and re-appears from behind the moon, 5h. 5m. in the morning.



CELESTIAL PHENOMENA.

The Times when the Planets are in the most favourable Positions for Telescopic Observation; together with other interesting Particulars pointed out relative to these Celestial Bodies.

The reader will see, according to my usual plan, at the head of the right-hand pages of the calendar, that I have given the times when the planets are in \wp with the moon; and as the latter is an excellent guide, he will by that means easily become acquainted with the planets of our system; and it will also be well for him to notice the weather at those times, for \wp in \wp with the \mathbb{D} is considered to produce cold cloudy weather, with rain in summer, and snow in winter; \wp with the \mathbb{D} , fine mild weather in general; and \wp with the \mathbb{D} to produce thunder in summer, and at all times a warm, pestilential, unwholesome air.

\wp . MERCURY will be at his greatest eastern elongation from the sun *January 15th*, *May 5th*, *September 1st*, and *December 27th*, when, should the atmosphere prove favourable, an opportunity will occur, one or two evenings previous, and succeeding, of viewing this planet without the aid of instruments. The other planets of the system are constantly presenting themselves for observation, with the exception of a short space of time about the period of their \wp ; but this messenger of the gods just appears, as if in haste to discharge his commission, and returns again to lose himself in the solar beams. Mercury may be seen in the mornings near the south-eastern horizon, at daybreak, about the middle of *October*.

\wp . VENUS will be a striking object in the west during the evenings of *February*, *March*, *April*, *May*, and *June*, but especially in *April* and *May*; she will in these months rise high in the heavens, and having at the same time a very considerable elongation, must render her more than usually resplendent. The best time for observing her with a telescope will be from the

latter end of *May* to the beginning of *July*, about the time of sun-setting, and again in the morning during *August*, *September*, and the early part of *October*. Her greatest brilliancy will be on *June 16th*, and *August 28th*. This planet will be in ♀ with ♍ *January 25th*, ♀ *March 25th*, and with ♀ again on the 26th of *November*. Her greatest eastern elongation is on the 14th of *May*, and that of her western *October 5d*. She will be visible in the mornings from the end of *July* to the termination of the year.—This beautiful planet has always excited the most enthusiastic admiration in every clime and age of the world : it was the first star in the heavens that became the object of idolatrous worship of the eastern nations; lovers still pledge their vows beneath the mild lustre of its beams, and poets still sing of its splendour and sweet influences: *Homer*, *Hesiod*, and *Isaiah*, among the ancients, and all the celebrated poets of the present and preceding age, have the most lovely allusions to this beautiful gem, whether shining on the brow of eve—the bright forerunner of a thousand stars that ornament the midnight canopy, or glittering in the dewy morn—the herald of the rising day. This planet received its name from the *Greeks* and *Romans*, in honour of *Venus*, the goddess of love and beauty.

♂. **MARS** does not come to an opposition with the Sun this year, and therefore is not so favourably situated for common telescopes as if that had been the case : as it is, the most proper times for observing him will be in the evenings at the beginning of the year, and in the mornings at the end.

♃. **JUPITER** with his belts and satellites will appear to great advantage in *August*, *September*, and *October*: he will be a splendid object in the evenings of the autumn and beginning of winter.

♄. **SATURN** will be in ♀ to the ☽ on the 26th of *July*; therefore the best time for viewing his interesting ring will be during that month and the two following.

THE GREAT COMET OF 1843.

This Comet, which appeared in the month of *March* last year, with such a splendid nucleus and immense train, to the *West Imaia Islands*, to the *Cape of Good Hope*, *Bombay*, *Madras*, &c., was only partially seen in *England*, the tail appearing to cut the horizon so soon as the sky in the evening was sufficiently dark to render it visible. On the 17th of *March*, at 8 P.M., at *Epping* in *Essex*, the train was noticed to reach from the horizon about 5° south of the west to within a few degrees of *Sirius*, a distance of about 55° !—This was the most remarkable comet ever seen; it passed nearer the sun when at its perihelion than any upon record: the rapidity of its orbicular motion at, and near, this point, was truly astonishing, describing an angle of 180° in

the course of a few hours! It is now launched off into space, and from the great eccentricity of its orbit we may not expect it to return for many generations yet to come.

If we give credit to the opinions of *Dr. Herschel* respecting the formation of the sun, it does not seem impossible for a comet to pass within the luminous atmosphere of that body, and yet from its great centripetal force be prevented from being drawn upon the nucleus of the sun. The nucleus or true sun may be very small compared with the luminous body we call the sun, and therefore a comet moving with a prodigious velocity might pass through a portion of this luminous globe, and yet not touch the true sun. The curve of the comet's orbit may have been a little altered by its approximation to the centre of attraction; and that may probably be the cause why the elements are so discordant: the wrong adjustment of the elements, and more likely the error of the assumed curve, may have been the cause of uncertain results. Why! you will say, these are visionary notions! Suppose after all, when we get more distant observations from the perihelion, and re-compute the elements from them, that that point should still pertinaciously fall within the orb of the apparent sun; then I trust you will not deny there may be some truth in your old friend's remarks! But enough of this you will say, so I have done.

METEOROLOGICAL OBSERVATIONS, ETC.

Relating to the Year 1842; with some Remarks on the BAROMETER, THERMOMETER, ETC.

COURTEOUS READER:

THE following extracts are from a minute journal of the weather kept at *Thwaite* in *Suffolk*, and relate to the charming year 1842.

The year 1842 was remarkable for its general fineness, but more particularly for the extraordinary heat of the month of *August*, and the general splendour of the summer.

JANUARY was dry and very frosty throughout, with considerable snow on the 5th, 22d, and 25th. The thermometer was at 17° on the 7th, and $15\frac{1}{2}^{\circ}$ on the 24th. FEBRUARY and MARCH were mild and stormy, but often pleasant; and on the 28th of the latter month the thermometer was at 61° . APRIL was very dry, with parching easterly winds, but after the 19th very hot at times. The maximum temperature on the 24th was 78° , and we had a severe thunder-storm on the same day. MAY was a fine growing time, but little rain until the 24th. The thermometer was 75° on the 50th and 51st days. JUNE was dry, and extremely hot at times. On the 12th and 14th, the maximum thermometer in the shade reached 86° and 87° respectively.

Heavy thunder-storms on the 20th, and in the night of the 30th. JULY was variable, with fruitful showers, but in general a fine seasonable month. The thermometer was at 80° on the 11th, 18th, 19th, and 21st days. Severe thunder-storms on the 20th and 27th in some places. AUGUST was a most splendid month, remarkably hot and dry to the end; and from the 5d to the 27th the heat was excessive, beyond any instance on record, in its continuance, in these parts. By 9 A.M. of the 10th the thermometer was at 82° ! and soon after noon it reached to 90° , and at *High Wycomb* 96° ! On the 14th, 15th, 16th, 18th, and 25d it again ranged from 87° to $89\frac{1}{2}^{\circ}$. At *Uckfield, Sussex*, it was at 94° on the 18th! At *Thwaite*, in the sun, it was at 147° , 4 feet from the ground, and water became heated to 104° at 5 feet elevation, in a leaden vessel, open at the top! Awful thunder-storms on our *Suffolk* coast on the 24th, 25th, and 29th; and on the last-mentioned day two persons were struck dead at *Stowmarket*. SEPTEMBER was chiefly fine and hot till the 18th day. The thermometer was at 79° on the 2d: much lightning all night on the 7th; and on the 10th two persons were struck dead near us in a storm. After the 18th very showery. OCTOBER was fine till the 18th, afterwards very stormy. NOVEMBER was mild and rainy. DECEMBER was uncommonly fine and mild, and vegetation was proceeding as in spring! — Note, the coldest day was *January* 24th, and the hottest the 10th of *August*; yet the 14th of *June*, and the 15th, 18th, and 25d of *August*, were nearly as hot.

To the above I shall now add a few remarks taken from correct meteorological journals kept at *Greenwich* in *Kent*, and *Epping* in *Essex*. 1st, *Greenwich*. *January* 15th, very snowy, with S.E. squalls: on the 25th, at 5 A.M., heavy snow, wind S.: minimum temperature on the 24th was 20° . April 24th, between 2 and 4 P.M., a tremendous storm of thunder, lightning, rain, and hail. *June*, from the 10th to the 14th, the thermometer every day ascended above 80° ; on the 12th it reached 85° . Thunder-storms on the 14th, 19th, and 21st. *July*, from midnight of the 27th to 7 A.M. of the 28th, constant thunder and lightning with heavy rain. *August* 11th, at 1 A.M., a very awful thunder-storm. The maximum temperature on the 5d, was 85° ; 4th, 82° ; 10th, 85° ; 14th, 85° ; 15th, 87° ; 16th, 85° ; 18th, 89° , and in some parts of *Greenwich* above 90° ! and at midnight even at 75° ! The maximum on the 22d was 85° , and on the 25d, 80° . On the 29th, between 4 and 6 P.M., nearly two inches of rain fell at *Somerset House, London*, while it was fair at *Greenwich*! September 7th, much thunder and lightning in the evening. October 20th, minimum temperature 29° ; 21st, 28° ; 22d, 27° ; and on the 26th much snow fell at *Leeds*, &c., in *Yorkshire*. December was exceedingly mild, with a high temperature. About the middle of the month the weather was so remarkably

fine that spiders crept about, and gnats played in the bright sunbeams, as in *July*: the lawns on *Blackheath* were covered with cobwebs, which, spangling in the solar rays, gave a singular appearance for the season of the year: the song of the thrush was quite musical; and the little death-watch (*Atropos pulsatorius*) was heard ticking freely as in summer.

2d, *Epping*. Between noon of *June* 50th and *July* 1st, 1.161 inch of rain fell. Again, on *July* 20th, in the afternoon, in two thunder showers, there fell 1.479 inch! and the same evening a fine oak in the forest was struck by the lightning; it was nearly denuded of its bark, and riven from top to bottom. The 10th of *August* was particularly close and sultry. Two observers of nature noticed the thermometer in the shade, at 10 A.M., as high as 81°, and by noon it reached 90°! In the afternoon a pleasant breeze arose, which mitigated the heat, yet they found in the shady forest (where they spent the afternoon), the thermometer stood considerably above 80°: towards evening thunder clouds appeared in the southern horizon, along the summits of which vivid lightnings rapidly played; these soon spread over the sky, and at sunset, along the road between *Weald Gullet* and *Epping*, the phenomenon became awfully grand; the electrical fluid seemed to rush from every part of the heavens with remarkable brilliancy, while the incessant thunder peals were almost deafening, but the descent of rain was not great. The fierce storm, however, was soon over, and tranquillity restored about 8 P.M. The coldest day was *January* 24th, when the morning minimum on the snow was 14°, and between 7 and 8 P.M. 15°. This day proving bright while the sun was above the horizon, the effects of different-coloured cloth when laid on the snow was tried; and after the pieces had laid about 4 or 5 hours, the white and yellow had made little or no impression in the snow; on the contrary, the dark, and particularly the *black* pieces, caused the snow to dissolve under them to a great depth, and of the exact shape of the pieces of cloth. This, of course, you will say "is nothing new." Nevertheless, sometimes trifles may be turned to good account,—here for instance, as to the colour of our dress, &c.

Judicium Astrologicum, pro Anno 1844.

*VOX CÆLORUM, VOX DEI: The Voice of the Heavens
is the Voice of God. He speaketh in all the Changes of the
Seasons and of the Times.*

MY WORTHY FRIENDS,

If we feel disposed to contemplate the inexpressible greatness and majesty of God, let us but look up and survey the heavens, which are stretched out like a curtain; "they declare the glory of God, and show forth his handy work." They visibly show it

forth to the rude and illiterate; but the mind which is fraught with the comprehensive study of Philosophy may for ever expand itself in the immensity of the prospect. Accordingly, on contemplating the aspects and other configurations of the planetary orbs relating to the coming year, my mind has been deeply affected on seeing that there are yet the signals of war and rumours of war; that nations are still disposed to rise up against nations, and kingdoms against kingdoms. For man to take the life of man, or for one company of human beings to destroy another, is an outrage upon reason, to say nothing of Christianity, and the principles of its sacred Founder, who said that he came not to destroy men's lives but to save them. A certain philosopher, speaking on the subject of war, says — "A hundred thousand mad animals, whose heads are covered with hats, advance to kill or be killed by the like number of their fellow mortals covered with turbans. By this strange procedure they want at best to decide whether a tract of land, to which none of them lays any claim, shall belong to a certain man whom they call Sultan, or to another whom they call Czar, neither of whom ever saw or will see the spot so furiously contended for; and very few of those creatures who thus mutually butcher each other ever beheld the animal for whom they cut each other's throats! From time immemorial this has been the way of mankind almost all over the earth. What an excess of madness is this! and so deservedly might a Superior Being crush to atoms this earthly ball, the bloody nest of such ridiculous murderers."

How much of this kind of infernal work will be going on in one part of the earth or another, time will unfold to view. I need not tell the reader that it is the opinion of the most celebrated astrologers, that the appearance of a comet (especially if of any considerable magnitude) betokens wars, earthquakes, famines, &c.; and certainly the comet of last year, in those parts of the earth where it was fully developed, was one of extraordinary splendour; therefore, depend upon it that many and very ominous events will follow as in the wake of its ethereal course.

When fiery comets o'er these nations rise,
And splendid lightning gilds the upper skies ;
When round their vortex they in fury roll,
They fright with dire alarm each guilty soul ;
As omens certain of a labouring state,
Of bloody battles and a hostile fate :
They shake with dreadful awe the ponderous mass,
And desolation make where once blest order was.

The great wise Disposer of all events rides upon the storms, and has his way in the whirlwinds, so that many of his designs are dark and mysterious :

All nature is but art, unknown to thee ;
All chance, direction which thou canst not see ;
All discord, harmony not understood ;
All partial evil, universal good.

THE HIEROGLYPHIC.

*Of the WINTER QUARTER, called the Brumal Ingress.*

The silver ponds now shine in glittering mail,
And frozen clouds discharge the pattering hail :
A coverlet of fleecy snow o'er-spreads
The towering hills, and clothes the naked meads :
No warblers now chant forth their sprightly strains,
Nor with soft notes divert the listening swains :
No pleasing object entertains the sight,
Nor rural walks, nor sylvan shades invite :
No more we trace the muses of the grove,
Though once our calm retreat, and seat of love :
But now with brisk wood-fire and nut-brown ale,
In friendly social mirth ourselves regale.

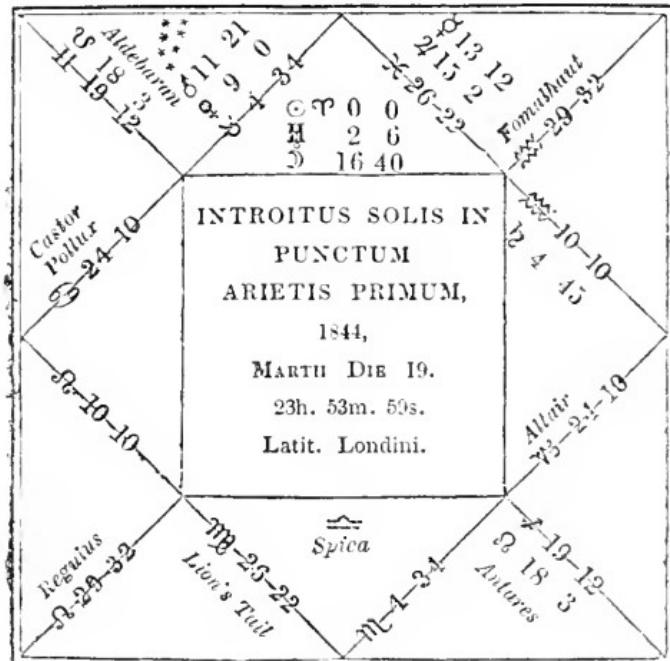
This quarter is well known to begin at the time the earth arrives at the first point of ϖ , or the sun at that of γ ; and by accurate computation this is found on the present occasion to take place on *Friday, December 22d*, at 10 h. 48 m. a.m., 1843; when we have the 21° of w on the eastern angle, and the 14° of f on the southern. At the same time U and H occupy the first house, the \odot the 10th, and S , Q , and the J the 11th, and h and Z the 12th. Besides, these planetary bodies form the following aspects near the time of this ingress. Z of \odot and J , the former totally eclipsed by the latter; $\square \odot \text{H}, * \text{S} \text{Z}, \text{Z} \text{h}, \text{Z} \text{J}, * \text{J} \text{Z}$, and $\text{Z} \text{J} \text{S}$; and moreover we find that others, equally important, will happen during this quarter, especially the $\square \text{Z} \text{h}$ from S to w on the 9th of *March*. Now the inference to be drawn from the most potent of these configurations, when astrologically considered, is, that many important transactions are now taking place in the world, and that it will be a season of great conflict and struggle. Look at the condition of *Ire-*

land, and the ecclesiastical contentions in *Scotland*, and also in our old mother-churh. Something seems to be hatching in *France*; and *Spain* is far from being tranquil, nor will she be till her political institutions are thoroughly purged of the dross of centuries; and if her proceedings are not interfered with by any of the despots of *Europe*, there will ere long arise in the horizon of *Spain* the bright star of liberty, the harbinger of salvation to the struggling population of this beautiful country. Our Parliament, now assembled, will have plenty of work. It is to be hoped, among other matters, that they will not overlook the cruelty and sufferings experienced in workhouses, prisons, coal-mines, &c. by the poor classes. It is to be hoped also that, while fashion disports herself in the metropolis in all the galaxy of her costliest trappings, a thought will now and then be bestowed on the mass of suffering from which that splendour sprung! The changeable state of the weather towards the end of this quarter will be the cause of many diseases; amongst the rest, that contagious and debilitating complaint the influenza, which will be severely felt by the police and others exposed to the weather, particularly during the night. The best treatment of this disorder is purgatives and dia-phoretics in the early stage of the complaint.

Of the VERNAL or SPRING Quarter of 1844.

This quarter commences when the sun enters the equinoctial sign γ , which he will do this year on *Wednesday*, the 20th of *March*, at 11 h. 53 m. 59 s. in the forenoon; at which time the celestial signs with the planets, and certain of the fixed stars, will be found as exhibited in the following figure.

SCHEMA CÆLI.



It will be unnecessary to enter into particulars relative to the positions of the planets and signs with respect to the mundane divisions of the heavens, as the whole is here presented to the reader's view: hence it only remains for me to inform him that the zodiacal configurations are as follow: — $\text{♂} \text{♀} \text{♀}$, $\text{♂} \odot \text{H}$, $\text{♂} \text{♀} \text{♂}$, $*\text{♂} \text{♀}$, $*\text{♂} \text{h}$, $*\text{♀} \text{♀}$, and $*\text{♂} \text{♀}$. These all being conjunctions and sextiles, are, of course, of a friendly nature, and from the whole we are led to infer that during this quarter many changes will take place amongst rich and poor, old and young, learned and unlearned, through which many of our own countrymen will be benefited. I trust our Parliament assembled will feel disposed to lend an attentive ear to the cries of suffering humanity. The corn laws and free trade will be brought upon the carpet; also our affairs in *India*, *China*, and other remote regions will be the subjects of long speeches. Important news from distant shores will frequently arrive. Many marriages in high life will take place, connected with the church and army. In fact, *Venus* seems to be very busy throughout the spring; therefore ye thoughtless maidens beware, for she will give buoyancy to the wings of *Cupid*, and poignancy to the wounds of his gilded arrows!

Of the ESTIVAL or SUMMER Quarter.

This division of the year dates its commencement in our northern hemisphere at the moment of the sun's centre arriving at its greatest boreal declination, which, in this instance, will be on *Friday* the 21st of *June*, at 8h. 46m. A. M., when we have the 26° of Q on the angle of the ascendant, and the 14° of S on the *Medium Cali*; at the same time the J occupies the 1st house, h the 6th, ♀ and H the 8th, ♂ the 10th, the L and ♂ the 11th, and ♀ the 12th; forming with respect to the earth, the following aspects: — $*\odot \text{J}$, $\square \text{J} \text{♀}$, $*\text{J} \text{♀}$, $\text{♂} \text{h} \text{♀}$, and $\square \odot \text{♀}$. These do not exhibit anything particularly striking or important. It is true that h in his own house m , which governs *Tartary*, *Russia*, *Denmark*, &c. in ♂ to ♀ in Q , the ascendant of *Italy*, *France*, &c., implies contention among these nations, in which *Cupid* will be busy. In our own nation, though things are taking a turn for the better, there is, notwithstanding, great dissatisfaction expressed: in fact, we are always complaining of one thing or another, forgetting that the principal cause of misery is in ourselves: yes, the fault is in every man's heart, poor and rich. Look into your Bibles, and you will see a command given, which, if attended to, would set all things right; and do you say, what is it? It is this — “*Thou shalt love the Lord thy God with all thy heart, mind, soul, and strength, and thy neighbour as thyself.*” If conformity to this law were general, our parliamentary gentlemen, instead of cavilling about trifles, would direct their attention at once to important matters — *the real happiness of the nation*; the wealthy in their splendid carriages would reach out the hand of sympathy to their distressed neighbours; and the great landowner would feel a pleasure in dividing his vast estates into numerous small farms, that more hands might be employed, and in consequence the ground would be better tilled, and would yield a greater supply of food. No one with an eye to the duty above-men-

tioned can say, as a certain influential individual said a short time ago, when asked why he allowed so much waste land to remain so near his abode — that he could not bear to see a number of labourers in the immediate vicinity of his mansion ! Now your old friend, the antiquated physician, *Francis Moore*, points out the only true medicine that can cure the general moral maladies of man. Are you willing to attend to his advice ? This is not the first time he has spoken in this way.

No radiant pearl which crested fortune wears,
No gem that twinkling hangs on beauty's ears,
Nor the bright stars which night's blue arch adorn,
Nor rising sun that gilds the vernal morn,
Shine with such lustre as the tear that breaks
For other's woe down virtue's manly cheeks.

Of the AUTUMN Quarter.

Taking into consideration the precession of the equinoxes, and the perturbations of the planetary bodies, I find that our globe will enter the first point of V , in the present year, on *Sunday, September 22d, at 10h. 56m. P. M.*, when we have the 16° of w on the eastern angle, and the 15° of X on the meridian; at the same time q is in the 2d house, z in the 3d, the O and y in the 4th, the J and h in the 8th, and y near H in the 10th. The zodiacal aspects near this time are $\star \text{J} \text{y}$, $\text{g} \text{J} \text{y}$, $\triangle \text{J} \text{y}$, $\text{g} \cdot \text{y} \text{y}$ and, $\triangle \text{O} \text{h}$; and from these, those of my readers, who have studied Astrology, can judge what the result may be. I find that the g of z in y to y , in *October*, implies bloodshed arising from religious differences, in which *Turkey* will be involved, as y governs the whole of the empire, both in *Europe* and *Asia*; probably another exhibition of cruelty like that which took place last year, at *Kerbela*, where the *Turkish* troops put to the sword six thousand *Persians*, who had fled for refuge to the *Mosque of Hessein*. The planet y in X casts a smile on the evenings of these declining days, and seems to promise us some good. At the end of the quarter this benevolent star is making its way towards V , the ascendant of *England*; and I trust better feelings will be experienced amongst mankind — that the principle of selfishness will give way, and men will consider that the Divine Creator of one flesh and blood made all the people of the earth, and that in consequence man should find nothing in man but that of a friend and a brother. To teach our enemy his duty, the Scriptural way is this — “ If thy enemy hunger, feed him ; if he thirst, give him drink, &c.” Conduct like this is calculated to soften the most furious temper into kindness.

F I N I S.

OR, A LOYAL

FOR THE YEAR OF HUMAN REDEMPTION

BEING THE FIRST AFTER BISSEXTILE; AND THE NINTH
OF THE REIGN OF HER PRESENT MAJESTY:
CONTAINING,

AMONGST A GREAT VARIETY OF USEFUL MATTER,

THE EQUATION OF TIME FOR SETTING CLOCS AND WATCHES; THE RISING
AND SETTING OF THE PLANETS; OCCULTATIONS; MUTUAL ASPECTS, ETC.

A Correct Tide Table;

A TABLE OF KINGS' AND QUEENS' REIGNS;

WITH ASTROLOGICAL OBSERVATIONS ON THE FOUR QUARTERS
OF THE YEAR; AND

A HIEROGLYPHIC ADAPTED TO THE TIMES.



LONDON:

BY G. WOODFALL AND SON, ANGEL COURT, CHINNERY STREET;
AND SOLD BY GEORGE GREENHILL, AT THEIR HALL,
LUDGATE STREET.

PRICE SIXPENCE, STITCHED.

ANOTHER year takes place while Winter dire
Binds Nature's realm, and dims the solar fire;
Say, doth this season show your present state,
And do you mourn the hardness of your fate?
Let not despair sit brooding on your breast,
The flintiest rocks dissolve at Heaven's behest.

M	W	\odot	D's	D rises
D	D	\wp	A & sets.	
1	W	o		
2	T _H Day br.	11 reins	23 morn.	♀ in ♀
3	F	12 loins	1 4	Fair and mild.
4	S	13 Scorpio	2 22	♀ stationary.
5	14 domin.	25 3	3 39	Now bleak
6	15 hips	26 4	5 56	winds; true
7	M	16 thighs	6 6	♀ in perihelion.
8	Tu	17 knees	7 3	* ♀ 4
9	W <i>Lucian</i>	18 hams	N sets	January
10	T _H Twi. ends	19 legs	1 6 a 15	weather at
11	F	20 ankles	2 7	36 this time.
12	S <i>Hilary Term beg.</i>	21 feet	3 8	* ♀ ♂
13	12 th Day	22 toes	4 10	9 ♂ inf. ♀ ⊖
14	M <i>Hilary: Pl. Mon.: Cam. T. beg.</i>	23	11 20	Some cold
15	Tu <i>Oxf. Term beg.</i>	and	6 morn.	rain, or snow
16	W Day incr.	24 face	7 0	followed by
17	T _H ♀ rises	25 neck	8 1	33 frosts, may
18	F ♀ rises	26 4 mo.	9 2	be expected.
19	S <i>Prisea: Old 12th</i>	27 throat	10 3	44 □ ♀ 4
20	M <i>Fabian</i>	28 arms	11 4	39
21	Tu <i>Agnes</i>	[Day] 29 and	12 5	* ⊖ 4; * ⊖ ♂
22	W <i>Vineent</i>	30 should.	13 6	10 □ ♀ H [△ ♂ 4]
23	T _H ♀ sets	1 breast	14 6	Fair and mild
24	F Day 8 41 long	2 heart	15 47	* ⊖ H; ♀ sta.
25	S	3 and	16 6 a	a short time.
26		4 back	17 8	17 △ ♂ H
27	M	5 bowels	18 9	Frosty, with
28	Tu ♀ sets	6 belly	19 10	some falls of
29	W Night 15 4 long	7 reins	20 10	snow, attended
30	T _H	8 loins	21 52	6 by cutting
31	F <i>Hil. T. c.</i>	9 Scorpio	22 0	23 winds.
		10 domin.	23 1	

Mean obliquity of the Ecliptic, Jan. 1st, $23^{\circ} 27' 34''$.

Jan. 1st, 22nd of Tebet; 9th, 1st of Sebat.

The 4 day, at 9^h 28^m morn. Mars }
 The 6 day, at 0 56 morn. Venus }
 The 8 day, at 9 8 aftern. Mercury } conjunction
 The 9 day, at 2 26 aftern. Saturn } with the
 The 13 day, at 7 6 morn. Jupiter } Moon.

M		Moon	
D		South.	
	h. m. h. m.	h. m.	
1 3	9 3 59	5 m 31	
2 8	8 4 0	6 20	THE depth of Rain in Jan. 1843, at
3 8	8 4 2	7 12	Ackworth, was 1.28 inch; Epping,
4 8	8 4 3	8 9	Greenwich, 1.25; Kendal, 5.29;
E 8	8 4 4	9 9	Retford, 0.97; Rochdale, 5.06; Settle,
6 8	7 4 5	10 12	5.04; Thwaite, 1.17; Wigton, 2.96:
7 8	7 4 6	11 16	and the city of York, 1.02.
8 8	7 4 8	0 a 17	
9 8	6 4 9	1 16	PLUVIAL ANTICIPATIONS.
10 8	5 4 11	2 10	JUDGING from the planetary positions
11 8	5 4 12	3 1	and configurations, but more especially
E 8	4 4 13	3 49	from those of the Sun and Moon, we
13 8	3 4 15	4 36	may expect rain or snow, more or less,
14 8	3 4 16	5 21	
15 8	2 4 18	6 7	
16 8	1 4 20	6 53	on or about the 5th, 10th, 14th, 20th,
17 8	0 4 21	7 40	and 29th days of this month, the day
18 7	59 4 23	8 28	before or the day after.
E 7	58 4 24	9 16	
20 7	57 4 26	10 4	This year I present my readers with
21 7	56 4 28	10 53	the monthly depth of Rain, as taken
22 7	55 4 30	11 40	at or near the surface of the ground,
23 7	53 4 31	morn.	
24 7	52 4 33	0 27	in 1843, at Ackworth, Yorkshire; Epp-
25 7	51 4 35	1 13	ping, Essex; Greenwich, Kent; Ken-
E 7	49 4 36	1 58	dal, Westmoreland; Retford, Notting-
27 7	48 4 38	2 43	hamshire; Rochdale, Lancashire; Set-
28 7	47 4 40	3 29	tle, Yorkshire; Thwaite, Suffolk; Wig-
29 7	45 4 42	4 17	ton, Cumberland; and the city of
30 7	44 4 44	5 7	York.
31 7	42 4 45	6 1	

☽ in perigee, 7th day; apogee, 19th day.

⊕'s semidiam. 1st day, 16° 17''; 11th, 16° 17''; 21st, 16° 16''.

OLD February oft in vengeance shakes
 The firm-built tower,—the sturdy oak he breaks !
 Thus by the storms of life on every side
 Men fall,—and the dark tombs their glories hide :
 Here is a moral lesson,—hard to learn,—
 Our minds perverse will not the truth discern !

M	W		○	☽	J's	☽ rises	
D	D		⊖	⊗	A & sets.		
1	S	h rises 7 39 mo.	12 hips	24	2 m 38	Unsettled ;	
2			13 and	25	3 48	♂ ♀ ♀	
3	M	Blaise	14 thighs	26	4 50	frosty, and	
4	Tu	[Agatha	15 knees	27	5 40	♀ in per. ♀ in ⊖	
5	W		16 hams	28	6 21	♀ elong. max.	
6	Th	Day br. 5 36	17 legs	N	sets	* ♂ h	
7	F	♀ sets 9 11 aft.	18 ancles	1	6 a 25	anon rainy.	
8	S	♂ rises 3 26 mo.	19 feet	2	7 43	♂ ♀ H	
9			20 toes	3	8 58	♀ in ♀	
10	M		21 head	4	10 16	Expect snow.	
11	Tu	[T. div. n.	22 face	5	11 20		
12	W	Camb.	23 neck	6	morn.	Now fair	
13	Tu	Twi. ends 7 4	24 and	7	0 27	and frosty.	
14	F	Valentine : Old	25 throat	8	1 30		
15	S	[Candlemas	26 arms	9	2 28	* ♀ H	
16			27 should.	10	3 21	* ♀ ♁; * ♀ H	
17	M		28 breast	11	4 5	* ♀ ♁	
18	Tu	♀ rises 6 26 mo.	29 and	12	4 44	♀ in aphelion.	
19	W	♂ rises 6 29 mo.	⊗ stom.	13	5 17		
20	Tu	Day incr. 2 30	1 heart	14	5 44	Stormy,	
21	F	h rises 6 26 mo.	2 back	15	6 9	♂ ♀ ♀	
22	S	♀ sets 8 30 aft.	3 bowels	F	rises	♂ ♀ h; ♂ ♀ h	
23			4 belly	17	7 a 26	with snow	
24	M			18	8 40	or rain.	
25	Tu	Day 10 35 long	6 loins	19	9 56		
26	W	♂ rises 3 13 mo.	7 Scor-	20	11 13	Cold rough	
27	Th	♀ rises 6 18 mo.	8 pio	21	morn.	winds still	
28	F	Night 13 13 long	9 domin.	22	0 26	continue.	

JUPITER, ♁, will be an *Evening Star* until April 7th; then a *Morning Star* until Oct. 29th; and an *Evening Star* for the remainder of the year.

Moon's ascending node, ♀, Jan. 1st, $2^{\circ} \text{ } 52'$; Dec. 31st, $13^{\circ} \text{ } 35'$.
 Feb. 1st, 24th of Sebat; 8th, 1st of Adar.

The 1 day, at 11^h 42^m aftern. Mars } is in
 The 4 day, at 9 30 aftern. Mercury } ecliptic
 The 4 day, at 10 26 aftern. Venus } conjunction
 The 6 day, at 6 33 morn. Saturn } with the
 The 10 day, at 2 12 morn. Jupiter } Moon.

M		Moon		
D		South.		
h.	m.	h.	m.	<i>The depth of Rain in Feb. 1843, at</i>
1 7	41 4	47	6m58	<i>Ackworth, was 2.91 inches; Epping,</i>
E 7	39 4	49	7 57	<i>Greenwich, 2.68; Kendal, 1.04;</i>
3 7	38 4	51	8 58	<i>Retford, 2.87; Rochdale, 1.42; Settle,</i>
4 7	36 4	53	9 59	<i>Thwaite, 1.84; Wigton, 1.42;</i>
5 7	34 4	54	10 58	<i>and the city of York, 2.65. Much</i>
6 7	33 4	56	11 54	
7 7	31 4	58	0 a 47	<i>snow this month.</i>
8 7	29 5	6 1	37	Rain or snow on or near the 4th,
E 7	27 5	2 2	26	12th, and 20th of this month.
10 7	26 5	4 3	13	
11 7	24 5	6 4	0	<i>Astrological Observations and Predictions relating to Mundane Affairs.</i>
12 7	22 5	7 4	46	
13 7	20 5	9 5	34	COURTEOUS READER.—The Omni-
14 7	18 5	11 6	21	
15 7	16 5	13 7	10	potent Power that governs the Uni-
E 7	14 5	15 7	58	verse. restrains the raging sea and the
17 7	12 5	17 8	46	fury of the winds, who has set bounds
18 7	10 5	18 9	34	to the ocean, which cannot roll its
19 7	8 5	20 10	21	haughty billows and threatening waves
20 7	6 5	22 11	8	beyond the prescribed limits,—has also
21 7	4 5	24 11	54	put a period to all sublunary things.
22 7	2 5	26 morn.		
E 7	0 5	27 0	40	Mighty monarchs, powerful and ex-
24 6	58 5	29 1	27	tended dominions, opulent and wise
25 6	56 5	31 2	15	states, stupendous structures,—all,
26 6	54 5	33 3	5	all! we see absorbed in time, and have
27 6	52 5	34 3	58	left behind them a name only; nay, we
28 6	49 5	36 4	53	have

VENUS, ♀, will be a *Morning Star* until May 15th; and afterwards an *Evening Star* to the end of the year.

☿ in perigee, 4th day; apogee, 16th day.

⊕'s semidiam. 1st day, 16° 15''; 11th, 16° 13''; 21st, 16° 11''.

THOUGH the rough winds of *March* should blow awhile,
May, robed in vernal beauty, soon shall smile:
And thus the toil-worn Christian meets the rude
And angry blasts of death with fortitude;
In hope that he, through Christ, th' immortal King,
Shall rise to enjoy one ever-blooming spring.

M	W		⊕	D's	▷ rises	
D	D		✗	A	& sets.	
			o		h. m.	
1	S	<i>David</i> : Least twilight		23	1 m 38	Windy and
2		<i>Chad</i>		24	2 41	cold.
3	M	12 knees	25	3 34	♂ in ♀; * ♀ ♂	
4	Tu	☿ rises 5 46 mo.	13 hams	26	4 16	Squally,
5	W	♀ sets 8 0 aft.	14 legs	27	4 51	with hasty
6	Tu	♂ rises 3 4 mo.	15 ancles	28	5 19	showers of
7	F	<i>Perpetua</i>	16 feet	29	5 45	* ♀ ♂
8	S	<i>Old St. Matthias</i>	17 toes	N	sets	snow or rain.
9			18 head	1	7 a 48	
10	M	Day br. 4 33	19 face	2	8 59	♀ in aphelion.
11	Tu	♀ rises 6 3 mo.	20 neck	3	10 9	
12	W	<i>Gregory</i>	21 and	4	11 15	Dry cold
13	Tu	Twi. ends 7 53	22 throat	5	morn.	winds with
14	F	<i>Camb. Term ends</i>	23 arms	6	0 16	keen frosts
15	S	<i>Oxf. Term ends</i>	24 should.	7	1 10	about this
16			25 breast	8	1 58	time.
17	M	<i>St. Patrick</i>	26 and	9	2 40	□ ♂ H
18	Tu	<i>Edw. K. W. Sax.</i>	27 stom.	10	3 15	Changeable
19	W	♀ rises 6 12 mo.	28 heart	11	3 45	weather, in
20	Tu	<i>Maundy Thursd.</i>	29 back	12	4 11	character
21	F	<i>Benedict</i>	bowels	13	4 34	with the
22	S	Day incr. 4 29	♀ and	14	4 56	♂ sup. ♀ ⊕
23			2 belly	F	rises	rugged
24	M		3 reins	16	7 a 39	♂ ♀ H
25	Tu		4 loins	17	8 58	month of
26	W		5 Scorpio	18	10 14	March.
27	Th	☿ rises 4 21 mo.	6 domin.	19	11 27	♂ ⊕ H; □ ♀ ♂
28	F	♀ sets 7 1 aft.	7 hips	20	morn.	Now fair
29	S	Day 12 42 long	8 thighs	21	0 34	♂ ♀ 4; * ♀ ♂
30			9 knees	22	1 30	♀ in ♀
31	M		10 hams	23	2 14	and mild.

March 1st, 22d of Adar; 10th, 1st of Veadar; 20th, 11th of Veadar, Fast of Esther; 23d, 14th of Veadar, Purim; 24th, 15th of Veadar, 2d day.

The 2 day, at 0^h 16^m aftern. Mars
 The 5 day, at 8 36 aftern. Saturn
 The 6 day, at 9 5 aftern. Venus
 The 7 day, at 5 30 morn. Mercury
 The 9 day, at 11 8 aftern. Jupiter
 The 30 day, at 11 32 aftern. Mars } is in
 } ecliptic
 } conjunction
 } with the
 } Moon.

M		Moon	
D		South.	
	h. m. h. m.	h. m.	
1 6	47 5 38	5 m 51	
E 6	45 5 40	6 50	<i>The depth of Rain in March 1843,</i>
3 6	43 5 42	7 49	<i>at Ackworth, was 0.91 inch ; Epping,</i>
4 6	41 5 43	8 46	<i>0.68; Greenwich, 0.51; Kendal, 1.90;</i>
5 6	38 5 45	9 42	<i>Retford, 0.61; Rochdale, 1.93; Settle,</i>
6 6	36 5 47	10 35	<i>1.39; Thwaite, 0.61; Wigton, 0.99 ;</i>
7 6	34 5 48	11 26	<i>and York, 0.89.</i>
8 6	32 5 50	0 a 15	
E 6	30 5 52	1 3	Rain or snow on or about the 5th,
10 6	27 5 54	1 50	10th, 19th, and 24th of this month.
11 6	25 5 55	2 38	
12 6	23 5 57	3 25	have reason to believe that many of
13 6	20 5 59	4 13	them are so thrown into the shades of
14 6	18 6 1	5 2	oblivion, that no record of their ever
15 6	16 6 2	5 50	having existed has reached our days !
E 6	14 6 4	6 39	
17 6	11 6 6	7 26	One of the great Roman emperors
18 6	9 6 7	8 13	once said, " Consider that both you
19 6	7 6 9	9 0	and your enemy are daily wearing off,
20 6	5 6 11	9 46	and in a little time will be no more ; "
21 6	2 6 12	10 32	and deemed this sufficient to check
22 6	0 6 14	11 19	every emotion of resentment, and put
E 5	58 6 16	morn.	
24 5	55 6 17	0 8	an end to all desire of revenge. I
25 5	53 6 19	0 58	should think that the same consider-
26 5	51 6 21	1 51	ation ought to damp, if not to extin-
27 5	49 6 23	2 47	guish entirely, all thirst for power, on
28 5	46 6 24	3 45	the one hand, all anxiety, murmuring,
29 5	44 6 26	4 45	and discontent on the other ; for how
E 5	42 6 27	5 44	
31 5	39 6 29	6 41	far

☽ in perigee, 3d day; apogee, 15th day; perigee, 28th day.
 ☽'s semidiam. 1st day, 16° 9'; 11th, 16° 7'; 21st, 16° 4'.

Lo! April now with smiles and frowns appears,
 The ficklest of the months that form our years:
 In it our state on earth is well portrayed,
 Alternate joy and grief, sunshine and shade:
 But they who here through grace their duty mind,
 Shall afterwards unchanging pleasures find.

M D	W D		⊕ Ψ	D's A	D rises & sets.	
			o		h. m.	
1 Tu	Day br. 3	37	11 legs	24	2 m 52	Expect a
2 W	Oxf. & Camb. T.b.		12 ancles	25	3 23	dry air with
3 Th	Rich. Bp. Chich.		13 feet	26	3 48	sunny days.
4 F	St. Ambrose		14 and	27	4 12	♀ imper.; □ ♂ ♣
5 S			15 toes	28	4 33	* 4 h
6	<i>Old</i>		16 head	N	sets	♂ ⊖ ♣; ♂ ♀ ♦
7 M	<i>[Lady Day]</i>		17 face	1	7 a 50	[* ⊖ h
8 Tu	h rises 3	35 mo.	18 neck	2	8 58	Much cloud,
9 W	♀ rises 5	23 mo.	19 throat	3	10 2	□ ⊖ ♂
10 Th	♂ rises 2	16 mo.	20 arms	4	11 0	with rain or
11 F	♀ rises 5	8 mo.	21 and	5	11 51	snow; or per-
12 S	Twi. ends 8	57	22 should.	6	morn.	haps hail.
13			23 breast	7	0 35	
14 M			24 stom.	8	1 12	Mostly fair,
15 Tu	<i>Easter Term beg.</i>		25 heart	9	1 44	* ♀ h
16 W	Day incr. 6	7	26 and	10	2 10	with hoar
17 Th	♀ sets 9	2 aft.	27 back	11	2 34	♂ ♀ ♣; ♀ elon.
18 F	Day 14	0 long	28 bowels	12	2 57	□ ♀ h [max.
19 S	<i>Alphege</i>		29 belly	13	3 19	frosts in the
20			30 reins	14	3 41	nights.
21 M	Night 9	49 long	1 loins	15	4 7	
22 Tu	h rises 2	44 mo.	2 Scorpio	F	rises	Cold winds
23 W	St. George		3 domin.	17	9 a 10	about this
24 Th	♀ rises 4	30 mo.	4 hips	18	10 22	□ ♀ ♂
25 F			5 thighs	19	11 23	time, bringing
26 S				20	morn.	showers of rain
27			7 hams	21	0 12	♀ stationary.
28 M			8 legs	22	0 54	or hail.
29 Tu	♂ rises 1	39 mo.	8 and	23	1 26	
30 W	♀ rises 4	34 mo.	9 ancles	24	1 52	Fair and bright.

April 1st, 23d of Veadar; 8th, 1st of Nisan; 22d, 15th of Nisan,
 Passover; 23d, 16th of Nisan, 2d day.

The 2 day, at 7^h 41^m morn. Saturn
 The 5 day, at 10 38 aftern. Venus
 The 6 day, at 7 54 aftern. Jupiter } is in
 The 8 day, at 4 36 morn. Mercury conjunction
 The 28 day, at 9 45 morn. Mars with the
 The 29 day, at 4 11 aftern. Saturn Moon.

)) in apogee, 12th day; perigee, 24th day.

\odot 's semidiam. 1st day, $16' 1''$; 11th, $15' 58''$; 21st, $15' 55''$.

WE hail thee, beauteous *May*, mother of love!
 And yet sometimes thou dost deceitful prove!
 Fix not on things below your hopes, my friends :
 One frosty night the gardener's prospects ends !
 Rely on Israel's God, who made the sky
 And earth ;—he changes not,—he cannot lie.

M	W		⊕		☽'s	☽ rises	
D	D		⊗		A	& sets.	
1	Th		°			h. m.	
2	F		10 feet	25	2 m 16	Expect now	
3	S	<i>Inv. of the Cross</i>	11 toes	26	2 38	a week of	
4			12 head	27	3 0	bright and	
5	M	☽ rises 1 54 mo.	13 face	28	3 24	pleasant	
6	Tu	<i>Jno. Ev. à P. Lat.</i>	14 neck	29	3 50	weather.	
7	W	Day br. 1 40	15 and	N	sets	⊕ eclip. vis.	
8	Tn	<i>Easter Term ends</i>	16 throat	1	8 a 51	□ ♀ ☽ [♀ ⊖]	
9	F	☽ rises 3 38 mo.	17 arms	2	9 44	♀ in ♀; ♂ inf.	
10	S	<i>Oxf. Term ends</i>	18 should.	3	10 31	□ ⊖ ☽; ♂ ♀ ♀	
11			19 breast	4	11 11	□ ♀ ☽	
12	M		20 and	5	11 44	Changeable,	
			21 stom.	6	morn.	and often	
13	Tu	<i>Old May Day</i>		7	0 11	* ♂ ☉	
14	W	<i>Oxf. Term beg.</i>		8	0 36	cold for the	
15	Th	Twi. ends 10 48	24 bowels	9	0 59	season.	
16	F	♂ rises 1 0 mo.	25 belly	10	1 21	♂ sup. ♀ ⊖	
17	S	♀ rises 4 11 mo.	26 reins	11	1 43	Unsettled	
18		<i>Cam. T.</i> 27	and	12	2 6	♀ in aphelion.	
19	M	<i>Dunstan</i> [div. m.	28 loins	13	2 32	weather still	
20	Tu	♀ rises 3 44 mo.	29 Scorpio	14	3 4	continues.	
21	W	Day incr. 8 4	☽ domin.	F	rises	♀ stat.; □ ♀ ♂	
22	Th	<i>Corp. Christi: Tr.</i>	1 hips	16	9 a 8	Passing show-	
23	F	[Term beg.]	2 thighs	17	10 5	ers, with in-	
24	S		3 knees	18	10 50	tervals of	
25			4 hams	19	11 27	pleasant wea-	
26	M	<i>Aug. 1st Abp. of Canterbury</i>	20	11 56	ther.		
27	Tu	<i>Venerable Bede</i>	5 ankles	21	morn.	* ♀ ☉	
28	W	Day 16 6 long	6 feet	22	0 22	♀ in ♀	
29	Th		7 toes	23	0 45	Rain and wind.	
30	F		8 head	24	1 6	☽ stationary.	
31	S	Nights all twil.	9 face	25	1 29	* ⊖ ☉	

May 1st, 24th of Nisan; 8th, 1st of Yiar.

The 4 day, at 3^h 17^m aftern. Jupiter } is in
 The 6 day, at 4 14 morn. Venus } ecliptic
 The 6 day, at 5 3 aftern. Mercury } conjunction
 The 26 day, at 5 29 aftern. Mars } with the
 The 26 day, at 11 37 aftern. Saturn } Moon.

M		Moon	
D		South.	
1	4 34 7	20 8m 5	<i>The depth of Rain in May 1843, at Ackworth, was 2.50 inches; Epping,</i>
2	4 32 7	22 8 52	<i>5.89; Greenwich, 4.14; Kendal, 3.70;</i>
3	4 30 7	24 9 38	<i>Retford, 3.57; Rochdale, 3.75; Settle,</i>
E	4 28 7	25 10 25	<i>Thwaite, 3.21; Wigton, 3.31;</i>
5	4 26 7	27 11 12	<i>and the city of York, 2.81.</i>
6	4 24 7	28 11 59	
7	4 23 7	30 0 a 48	<i>Rain, more or less in quantity, in</i>
8	4 21 7	32 1 37	<i>different places, may be expected on</i>
9	4 19 7	33 2 25	<i>the 7th, 12th, 16th, 19th, 23d, and</i>
10	4 18 7	35 3 13	<i>29th days of this month, the day be-</i>
E	4 16 7	36 4 0	<i>fore or the day after.</i>
12	4 15 7	38 4 46	
13	4 13 7	39 5 31	
14	4 11 7	41 6 15	
15	4 10 7	42 7 0	<i>mankind : on the other hand, there is</i>
16	4 8 7	44 7 46	<i>no slave so wretched, but is assured</i>
17	4 7 7	45 8 33	<i>that he cannot long remain in such a</i>
E	4 6 7	47 9 24	<i>deplorable condition.</i>
19	4 4 7	48 10 18	<i>Having made these few preliminary</i>
20	4 3 7	50 11 16	<i>remarks, according to my usual plan,—</i>
21	4 2 7	51 morn. 1	
22	4 1 7	52 0 17	<i>I will again Urania's courts survey,</i>
23	3 59 7	54 1 20	<i>And this year's wonders to my friends display.</i>
24	3 58 7	55 2 23	<i>The fortunate and benevolent pla-</i>
E	3 57 7	56 3 23	<i>net 4, at the end of January, enters</i>
26	3 56 7	58 4 20	<i>the sign ♍, the ascendant of England,</i>
27	3 55 7	59 5 13	<i>from which I am led to think in our</i>
28	3 54 8	0 6 3	
29	3 53 8	1 6 51	<i>nation a better state of things will be</i>
30	3 52 8	2 7 37	<i>brought about, and more harmony ex-</i>
31	3 51 8	3 8 23	<i>perienced</i>

○ in apogee, 10th day ; perigee, 22d day.

○'s semidiam. 1st day, 15° 53'' ; 11th, 15° 51'' ; 21st, 15° 49''.

Now splendid Summer with ten thousand charms
 Delights the eye, and every bosom warms :
 Thus they who love their God, and neighbour too,
 And daily virtue's heavenly paths pursue,
 Foretaste the joys that shall unfolded be
 In the bright regions of eternity !

M	W		⊖	⊕	D's	D rises & sets.	
D	D		II	II	A		
1			o		26	1 m 53	Showery and
2	M	[<i>Nicomede</i>	11	neck	27	2 20	cool. [□ ♀ ♂
3	Tu	h rises 11 58 aft.	12	and	28	2 52	♂ ♂ h; □ ♀ h;
4	W	24 rises 2 6 mo.	13	throat	29	3 29	△ ♀ h; ♀ elon.
5	Th			<i>Boniface</i>	N	sets	△ ♀ ♂ [max.
6	F			15 breast	1	9 a 10	Fair, and
7	S	Day 16 24 long	16	and	2	9 46	frequently
8				17 stom.	3	10 15	very warm.
9	M	Night 7 33 long	18	heart	4	10 41	△ ⊖ h
10	Tu	♂ rises 11 53 aft.	19	back	5	11 4	
11	W			20 bowels	6	11 25	Passing
12	Th	<i>Trim. Term ends</i>	21	and	7	11 46	showers,
13	F			22 belly	8	morn.	with thun-
14	S	♀ sets 8 57 aft.	23	reins	9	0 8	△ ⊖ ♂
15				24 loins	10	0 32	* ♀ 24
16	M	Day incr. 8 48	25	Scorpio	11	1 0	der and hail
17	Tu	<i>St. Alban</i>	26	domin.	12	1 34	in various
18	W			27 hips	13	2 17	places.
19	Th	♀ rises 2 48 mo.	27	thighs	F	rises	* ♀ H
20	F			28 knees	15	8 a 41	Generally
21	S			Long. Day	16	9 21	□ ♀ H
22				25 legs	17	9 57	fair about
23	M	Day 16 34 long	1	ankles	18	10 24	△ ♀ h
24	Tu			<i>Mids. Day</i>	19	10 48	this time.
25	W			3 toes	20	11 12	
26	Th	h rises 10 26 aft.	4	head	21	11 35	* ⊖ 24; ♀ in ♀
27	F	24 rises 0 45 mo.	5	and	22	11 59	Air inclined
28	S			6 face	23	morn.	△ ♀ ♂
29				7 neck	24	0 25	to change
30	M	Night 7 30 long	8	throat	25	0 54	at the end.

June 1st, 25th of Yiar; 6th, 1st of Sivan; 11th, 6th of Sivan, Pentecost;
 12th, 7th of Sivan, 2d day.

The 1 day, at 3^h 55^m morn. Jupiter
 The 2 day, at 9 29 aftern. Mercury }
 The 5 day, at 1 12 aftern. Venus }
 The 23 day, at 7 5 morn. Saturn }
 The 23 day, at 8 24 aftern. Mars }
 The 29 day, at 0 47 morn. Jupiter } is in
 ecliptic
 conjunction
 with the
 Moon.

M			Moon	
D			South.	
h.	m.	h.	m.	
E 3 50 8	5	9 m 9		<i>The depth of Rain in June 1843, at</i>
2 3 50 8	6	9 56		<i>Ackworth, was 2.03 inches; Epping,</i>
3 3 49 8	7	10 44		<i>1.76; Greenwich, 1.27; Kendal, 5.12;</i>
4 3 48 8	8	11 32		<i>Retford, 2.18; Rochdale, 3.05; Settle,</i>
5 3 47 8	9	0 a 2		
6 3 47 8	10	1 9		<i>1.63; Thwaite, 1.69; Wigton, 2.16;</i>
7 3 46 8	11	1 57		<i>and York, 1.86.</i>
E 3 46 8	12	2 43		Rain on or about the 3d, 15th, 22d,
9 3 46 8	12	3 28		and 28th of this month.
10 3 45 8	13	4 12		
11 3 45 8	14	4 55		perienced by all classes of society:
12 3 45 8	14	5 40		and on religious subjects that spirit of
13 3 44 8	15	6 25		
14 3 44 8	16	7 12		thinking for ourselves, and allowing
E 3 44 8	16	8		others to do the same, will more and
16 3 44 8	17	8 58		more become the paramount principle
17 3 44 8	17	9 57		amongst the greater bulk of man-
18 3 44 8	17	10 59		kind.
19 3 44 8	18	morn.		
20 3 44 8	18	0 3		In this month 24 passes into 8, the
21 3 45 8	18	1 6		ascendant of Ireland. That country
E 3 45 8	19	2 6		has long been afflicted from one cause
23 3 45 8	19	3 3		or other, but I trust she will ere long
24 3 45 8	19	3 56		see better days, and establish her right-
25 3 46 8	19	4 46		ful station in the scale of the most
26 3 46 8	19	5 34		
27 3 47 8	19	6 21		favoured nations of the earth. There
28 3 47 8	19	7 7		is much ado about human glory and
E 3 48 8	18	7 54		dignity in certain quarters at this time;
30 3 48 8	18	8 41		but let us reflect that the once cele- brated

☽ in apogee, 6th day; perigee, 20th day.

○'s semidiam. 1st day, 15° 47''; 11th, 15° 46''; 21st, 15° 45''.

Now July's heat spreads through the ambient air,
 We see, 'mid thunder clouds, the electric glare,
 Impressing on our minds that awful day,
 When lightnings from the east to west shall play,
 Announcing his approach, the Judge of all
 The moral agents of this earthly ball.

M	W		⊕	D's	⊕ rises
D	D		⊗	A	& sets.
1	Tu	Oxf. Act.; Camb. Commenc.	26	1 m 29	♀ & ♀ in perih.
2	W	Visit. B. V. M.	10	and	27 2 12 □ ⊕ H; * ♀ 4
3	Th	Dog days begin	11	should.	28 2 59 [⊕ in apogee.
4	F	Transl. St. Mart.: Cam. T.e.	N	sets	□ ♀ H
5	S	Oxf. Term ends	13	stom.	1 8 a 19 Hot weather;
6		Old Mids. Day		2 8 47	♂ sup. ♀ ⊖
7	M	Tho. à Becket	15	and	3 9 10 and thunder
8	Tu	Day 16 20 long	16	back	4 9 32 storms in divers
9	W	h rises 9 34 aft.	17	bowels	5 9 54 districts.
10	Th	♀ rises 11 55 aft.	18	belly	6 10 14
11	F	♂ rises 10 20 aft.	18	reins	7 10 36
12	S	Night 7 47 long	19	loins	8 11 1 Fair, except
13			20	Scorpio	9 11 31 □ ♀ 4
14	M		21	domin.	10 morn. hasty thun-
15	Tu	St. Swithin	22	hips	11 0 9 der showers.
16	W	Day decr. 0 29	23	and	12 0 56 H stat.; △ ♀ H
17	Th	♀ sets 9 2 aft.	24	thighs	13 1 55 □ ♀ 4
18	F	♀ sets 8 54 aft.	25	knees	14 3 7 Air sultry.
19	S		26	legs	F rises △ ♀ H
20		Mar-	27	ancles	16 8 a 23 ♂ stationary.
21	M	[garet	28	feet	17 8 51 ♂ ♀ h
22	Tu	Magdalene	29	and	18 9 16 ♂ ♀ h
23	W	Day br. 0 32	Ω	toes	19 9 40 Look out for
24	Th		1	head	20 10 4 some rain.
25	F		2	face	21 10 30 ♂ ♀ ♀
26	S	St. Anne	3	neck	22 10 58 Showery wea-
27			4	throat	23 11 32 ther with
28	M	Twi. ends 11 0	5	arms	24 morn. squalls may be
29	Tu	h rises 8 11 aft.	6	and	25 0 11 expected.
30	W	♀ rises 10 42 aft.	7	should.	26 0 56 ♂ ♀ ♂
31	Th		8	breast	27 1 48 ♂ ♀ ♂

July 1st, 26th of Sivan; 6th, 1st of Tamuz; 22d, 17th of Tamuz,
 Fast, Taking of Jerusalem.

The 4 day, at 0^h 18^m aftern. Mercury
 The 5 day, at 10 48 aftern. Venus } is in
 The 20 day, at 2 47 aftern. Saturn } ecliptic
 The 21 day, at 0 32 aftern. Mars } conjunction
 The 26 day, at 2 48 aftern. Jupiter } with the
 Moon.

M		Moon	
D		South.	
h. m. h. m.	h. m.		
1 3 49 8 18	9m29		<i>The depth of Rain in July 1843, at</i>
2 3 50 8 18 10	18		<i>Ackworth, was 3.89 inches; Epping,</i>
3 3 50 8 17 11	6		<i>3.69; Greenwich, 2.54; Kendal, 7.26;</i>
4 3 51 8 17 11	54		
5 3 52 8 16 0	a 41		<i>Retford, 1.59; Rochdale, 5.81; Settle,</i>
E 3 53 8 16 1	26 4.75		<i>Thwaite, 1.83; Wigton, 5.97;</i>
7 3 54 8 15 2	10		<i>and the city of York, 2.67.</i>
8 3 55 8 15 2	54		Rain, and in some places accompa-
9 3 56 8 14 3	38		nied by thunder, on the 2d, 13th, 17th,
10 3 57 8 13 4	22		21st, 24th, and 28th.
11 3 58 8 13 5	7		
12 3 59 8 12 5	55		
E 4 0 8 11 6	46		brated Roman Forum is now a cow-
14 4 1 8 10 7	41		market, the Tarpeian Rock a cabbage
15 4 2 8 9 8	40		garden, and the palace of the Cæsars
16 4 3 8 8 9	42		a rope-walk: hence we may say, Oh!
17 4 5 8 7 10	45		what a happy change! and how mu-
18 4 6 8 6 11	47		table are the vain glories of the world.
19 4 7 8 5 morn.			
E 4 8 8 4 0	47		<i>Sic transit gloria mundi!</i>
21 4 10 8 2 1	43		Murder, and other deeds of dark-
22 4 11 8 1 2	36		ness, long hid in obscurity, even so
23 4 12 8 0 3	26		that the perpetrators thereof are in-
24 4 14 7 59 4	15		dulging the idea that the storm is now
25 4 15 7 57 5	3		blown over, and all is at rest ex-
26 4 17 7 56 5	51		
E 4 18 7 54 6	38		cept their consciences, find, to their
28 4 20 7 53 7	26		dismay, that sleeping justice awakes
29 4 21 7 51 8	15		to do his work, and he will not spare.
30 4 22 7 50 9	3		Truly there is a God that judgeth in
31 4 24 7 48 9	51		the earth!
			Several

○ in apogee, 4th day; perigee, 18th day; apogee, 31st day.

○'s semidiam. 1st day, 15° 45"; 11th, 15° 45"; 21st, 15° 46".

THE reapers are, on mountain brow and plain,
 Ready to mow and house the ripened grain;
 By which we're led to muse on things sublime,—
 On that *great harvest* at the end of time!
 Our wisest plan, as men with reason blest,
 Is to prepare, while here, for endless rest!

M	W		○		D's	D rises	
D	D		Ω		A	& sets.	
1	F	<i>Lammas Day</i>	9	stom.	28	2 m 45	Wind and
2	S	Day br. 1 36	9	heart	29	3 46	□ ○ 4; △ ○ ½
3			10	and	N	sets	rain at the
4	M	Twi. ends 10 28	11	back	1	7 a 39	♀ in ♀
5	Tu	[<i>Transfiguration</i>	12	bowels	2	8 0	beginning,
6	W		13	belly	3	8 21	△ ♀ 4
7	Th	<i>Name of Jesus</i>	14	reins	4	8 43	Now fair:
8	F	Day decr. 1 36	15	and	5	9 8	○ h
9	S	<i>Shooting Stars</i>	16	loins	6	9 35	△ ♀ 4
10		<i>St. Lawrence</i>			7	10 9	Good wea-
11	M	<i>Dog days end</i>	18	S. dom.	8	10 50	ther for the
12	Tu		19	hips	9	11 43	late hay
13	W		20	thighs	10	morn.	harvest.
14	Th	[<i>Old Lam. Day</i>	21	knees	11	0 46	♀ in aphelion.
15	F	<i>Assump. B. V. M.</i>	22	hams	12	2 0	♀ elong. max.
16	S		23	legs	13	3 20	
17			24	ancles	F	rises	Expect some
18	M		25	feet	15	7 a 16	♂ ○ ♂
19	Tu	½ sets 3 53 mo.	26	toes	16	7 40	rain about
20	W	¼ rises 9 21 aft.	27	head	17	8 5	the full moon.
21	Th	♂ rises 7 39 aft.	28	face	18	8 32	♂ ♀ ♀
22	F	♀ sets 8 1 aft.	29	neck	19	9 1	Expect fine
23	S		30	and	20	9 33	summer
24			1	throat	21	10 9	weather
25	M	♀ sets 7 22 aft.	2	arms	22	10 53	from now
26	Tu		3	should.	23	11 42	to the end
27	W	Day 13 50 long	4	breast	24	morn.	of the
28	Th	<i>St. Augustine</i>	4	and	25	0 37	month.
29	F	<i>St. Jno. Bapt. beh.</i>	5	stom.	26	1 36	♀ stationary.
30	S	Night 10 21 long	6	heart	27	2 40	♂ in perih.; 24
31			7	back	28	3 45	[stationary.]

August 1st, 27th of Tamuz; 4th, 1st of Ab; 12th, 9th of Ab, Fast,
 Destrucion of the Temple.

The 5 day, at 6^h 14^m morn. Venus
 The 5 day, at 1 10 aftern. Mercury
 The 16 day, at 10 6 aftern. Saturn } is in
 The 17 day, at 3 23 aftern. Mars conjunction
 The 23 day, at 2 15 morn. Jupiter with the
 Moon.

M		Moon	
D		South.	
	h. m.	h. m.	h. m.
1 4 25	7 47	10 m 38	<i>The depth of Rain in August 1843,</i>
2 4 27	7 45	11 24	<i>at Ackworth, was 3.59 inches; Epping,</i>
E 4 28	7 44	0 a 9	
4 4 30	7 42	0 53	2.73; Greenwich, 4.10; Kendal, 6.37;
5 4 31	7 40	1 37	Retford, 2.49; Rochdale, 3.90; Settle,
6 4 33	7 38	2 21	Thwaite, 4.45; Wigton, 4.17;
7 4 35	7 37	3 6	and the city of York, 4.09.
8 4 36	7 35	3 53	Rain on the 4th, 8th, 18th, and 22d
9 4 38	7 33	4 42	of this month. Be sure to observe the
E 4 39	7 31	5 34	
11 4 41	7 29	6 29	tendency of the barometer.
12 4 42	7 27	7 28	
13 4 44	7 25	8 28	Several individuals who have been
14 4 46	7 23	9 29	planning to find the surest way of
15 4 47	7 21	10 29	blasting the character and reputation
16 4 49	7 19	11 26	of their neighbours, have the mortifi-
E 4 50	7 17	morn.	
18 4 52	7 15	0 21	cation of seeing their schemes fail; and
19 4 53	7 13	1 14	others who have pursued the same in-
20 4 55	7 11	2 4	fernal work now rejoice in their suc-
21 4 57	7 9	2 54	cess; but by the time that ♀, the
22 4 58	7 7	3 43	friend of the oppressed, reaches ≈
23 5 0	7 5	4 32	(the balance,) the scales will be turned
E 5 1	7 3	5 21	
25 5 3	7 1	6 9	against them! Thus is the old proverb
26 5 5	6 59	6 58	verified, "The man who diggeth a pit
27 5 6	6 57	7 46	for another falleth into it himself!"
28 5 8	6 54	8 33	The planet ♂ being now in perigee,
29 5 9	6 52	9 20	much evil may be expected to be in
30 5 11	6 50	10 5	operation, such as sudden deaths,
E 5 13	6 48	10 50	murders,

⊕ in perigee, 15th day; apogee, 27th day.

⊖'s semidiam. 1st day, 15° 47'; 11th, 15° 49'; 21st, 15° 50'.

OH! 'tis *September*,—and how mild the days,
 What charming weather Nature now displays;
 For Summer oft exhibits, near its close,
 Its loveliest features, and no tempest knows:
 And ought we not, in our declining life,
 To show a mind serene, and void of strife?

M D	W D		⊕ ☿	D's A	D rises & sets.	
1 M		Giles	8 bowels	N	sets	Good weather
2 Tu	London bt.	1666,	9 and	1	6 a 27	♂ ♀ ☽
3 W	Day br.	3 12 [O.S.	10 belly	2	6 49	△ ☽ 4
4 Th	h sets 2	44 mo.	11 reins	3	7 13	for the corn
5 F	Old Bartholomew		12 loins	4	7 40	harvest.
6 S	[Enurchus		13 Scorpio	5	8 11	△ ♀ h
7			14 domin.	6	8 51	Some show-
8 M	Nativ. B.	V. M.	15 hips	7	9 39	ers, but
9 Tu	Twi. ends 8	29	16 thighs	8	10 37	mostly fair.
10 W	24 rises 7	59 aft.	17 knees	9	11 45	
11 Th	g sets 2	36 mo.	18 hams	10	morn. ♂ inf.	♀ ☽
12 F	♀ sets 7	16 aft.	19 legs	11	0 59	△ ♀ ♂
13 S	♀ rises 5	25 mo.	20 ancles	12	2 17	Bright skies;
14		Holy Cross		13	3 38	air serene
15 M	Day decr.	3 57	22 toes	F	rises	and very
16 Tu	h sets 1	53 mo.	23 head	15	6 a 6	pleasant.
17 W	Lambert		24 and	16	6 32	♀ in ♀
18 Th	Geo. I. & II. land.		25 face	17	7 1	
19 F	24 rises 7	23 aft.	26 neck	18	7 31	♂ stationary.
20 S			27 throat	19	8 7	♀ stationary.
21			28 arms	20	8 48	Expect
22 M			29 should.	21	9 35	♀ in ♀
23 Tu	♂ sets 1	53 mo.	30 breast	22	10 28	equinoctial
24 W	♀ sets 6	53 aft.	1 and	23	11 26	winds, with
25 Th	♀ rises 4	11 mo.	2 stom.	24	morn. rain;	then
26 F	St. Cyprian		3 heart	25	0 28	calm for
27 S	Day 11	50 long	4 back	26	1 32	♂ ♀ 4; ♀ in per.
28			5 bowels	27	2 38	[♀ elon. max.
29 M			6 and	28	3 45	a few days.
30 Tu	St. Jerome		7 belly	29	4 54	□ ♀ h

September 1st, 29th of Ab; 3d, 1st of Elul.

The 3 day, at 6^h 8^m morn. Mercury
 The 4 day, at 9 43 morn. Venus
 The 13 day, at 4 19 morn. Saturn } is in
 The 13 day, at 4 28 aftern. Mars conjunction
 The 19 day, at 10 15 morn. Jupiter with the
 The 30 day, at 0 1 morn. Mercury Moon.

M		Moon	
D		South.	
	h. m. h. m.	h. m.	
1 5	14 6 46	11 m 35	
2 5	16 6 43	0 a 19	<i>The depth of Rain in September</i>
3 5	17 6 41	1 4	<i>1843, at Ackworth, was 1.05 inch;</i>
4 5	19 6 39	1 51	<i>Epping, 0.44; Greenwich, 0.44; Ken-</i>
5 5	21 6 37	2 40	<i>dal, 0.40; Retford, 0.31; Rochdale,</i>
6 5	22 6 34	3 31	<i>Settle, 0.52; Thwaite, 1.18;</i>
E 5	24 6 32	4 25	<i>Wigton, 0.55; and the city of York,</i>
8 5	25 6 30	5 21	<i>0.42. This month was warm, bright,</i>
9 5	27 6 28	6 19	
10 5	29 6 25	7 18	<i>and dry;—fine harvest weather.</i>
11 5	30 6 23	8 16	Rain on the 2d, 8th, 11th, 24th,
12 5	32 6 21	9 13	and 29th. Observe the barometer a
13 5	33 6 18	10 8	little before and a little after nine in
E 5	35 6 16	11 0	the morning; if it <i>rise</i> in the interval,
15 5	37 6 14	11 52	
16 5	38 6 12	morn.	
17 5	40 6 9	0 42	expect a fair day, but if it <i>sink</i> , the
18 5	41 6 7	1 32	contrary.
19 5	43 6 5	2 22	
20 5	44 6 2	3 12	murders, and fearful accidents by fires,
E 5	46 6 0	4 1	&c. This baneful star also staying
22 5	48 5 57	4 51	long in ♎, the night house of ♂, fore-
23 5	49 5 55	5 39	
24 5	51 5 53	6 27	bodes war and contentions in Russia,
25 5	53 5 51	7 14	Denmark, and other nations under ♎.
26 5	54 5 48	8 0	An eminent divine has said, and that
27 5	56 5 46	8 45	justly, “The existence of war always
E 5	57 5 44	9 29	implies injustice in one, at least, of the
29 5	59 5 42	10 14	parties concerned.”
30 6	1 5 39	10 59	The political horizon of France has
			for

☽ in perigee, 12th day; apogee, 24th day.

○'s semidiam. 1st day, 15° 53"; 11th, 15° 55"; 21st, 15° 58".

WHAT various lessons doth *October* teach,—
 The falling leaves a useful sermon preach :—
 The seed the farmer scatters in the ground,—
 The shortening days,—the fogs that oft abound :
 From all, the contemplative mind must trace
 How all things change,—how life to death gives place.

M	W		⊕	D's	D rises	
D	D		⊖	A	& sets.	
1	W	<i>Remigius</i>	8	reins	N	sets
2	Th	5 sets 0 47 mo.	9	loins	1	5 a 43 Some rain
3	F	4 rises 6 26 aft.	10	Scorpio	2	6 14 now about.
4	S	Day br. 4 14	11	domin.	3	6 51
5			12	hips	4	7 36 △ ⊖ h
6	M	<i>Faith</i>	13	thighs	5	8 32 Alternately
7	Tu	♂ sets 1 16 mo.	14	knees	6	9 36 fair and wet.
8	W	Twi. ends 7 14	15	and	7	10 47
9	Th	<i>St. Denys</i>	16	hams	8	morn. □ ♀ ♂
10	F	<i>Oxf. & Cam. T. b.</i>	17	legs	9	0 3
11	S	<i>Old Mich. Day</i>	18	ancles	10	1 21 8 ♀ H
12			19	feet	11	2 38 A change-
13	M	<i>Trs.K.Edw.Conf.</i>	20	toes	12	3 55 able state
14	Tu		21	head	13	5 10 of the air
15	W	♀ sets 6 22 aft.	21	face	F	rises still con-
16	Th	Day decr. 5 58	22	neck	15	5 a 29 tinues.
17	F	<i>Etheldreda</i>	23	throat	16	6 2 h stationary.
18	S		24	arms	17	6 42
19			25	and	18	7 27 For the most
20	M	♀ rises 6 6 mo.	26	should.	19	8 19 △ ⊖ ♂
21	Tu	Day 10 17 long	27	breast	20	9 15 △ ♀ H; ♀ in aph.
22	W	h sets 11 23 aft.	28	stom.	21	10 15 part fair and
23	Th	4 rises 5 2 aft.	29	heart	22	11 18 mild, and a
24	F	♂ sets 0 46 mo.	30	and	23	morn. △ ♀ ♂
25	S	<i>Crispin</i>	1	back	24	0 22 * ♀ h
26			2	bowels	25	1 23 ♂ sup. ♀ ⊖
27	M		3	belly	26	2 35 favourable
28	Tu		4	reins	27	3 44 ♂ ♀ 4
29	W		5	loins	28	4 57 ♂ ⊖ 4
30	Th	♀ sets 6 16 aft.	6	Scor-	N	sets seed-time.
31	F	Night 14 20 long	7	pio	1	4 a 48 ♀ in 8

Oct. 1st, 29th of Elul; 2d, 1st of Tisri (Jewish year 5606 begins); 3d, 2d day; 5th, Fast of Guedalah; 11th, Fast of Expiation; 16th, Feast of Tabernacles; 17th, 2d day; 22d, Last day of Festival; 23d, Feast of 8th day; 24th, Rejoicing of the Law.

The 4 day, at 8^h 54^m morn. Venus
 The 10 day, at 9 40 morn. Saturn
 The 11 day, at 5 36 morn. Mars } is in
 The 16 day, at 2 18 astern. Jupiter } ecliptic
 The 31 day, at 4 45 morn. Mercury } conjunction
 with the
 Moon.

M	Moon				
D	South.				
	h.	m.	h.	m.	
1 6	2 5	37	11	m	46
2 6	4 5	35	0	a	35
3 6	6 5	32	1	26	<i>at Ackworth, was 3.86 inches: Epping,</i>
4 6	7 5	30	2	20	<i>6.19; Greenwich, 4.50; Kendal, 7.88;</i>
E 6	9 5	28	3	17	<i>Retford, 3.03; Rochdale, 8.35; Settle,</i>
6 6	11 5	26	4	15	<i>Thwaite, 4.98; Wigton, 5.03;</i>
7 6	12 5	23	5	13	<i>and the city of York, 4.59. A wet month.</i>
8 6	14 5	21	6	11	
9 6	16 5	19	7	6	Rain may be expected on the 2d, 6th,
10 6	17 5	17	8	0	10th, 16th, and 24th of this month.
11 6	19 5	15	8	52	
E 6	21 5	12	9	42	
13 6	23 5	10	10	32	for some time been in such a perturbed
14 6	24 5	8	11	21	state as to create many forebodings
15 6	26 5	6	morn.		
16 6	28 5	4	0	11	among the ruling powers of Europe as
17 6	29 5	1	1	1	to the event:—all the world knows
18 6	31 4	59	1	51	what France can do when roused to
E 6	33 4	57	2	41	action.
20 6	35 4	55	3	31	Near the end of this month ♂ enters
21 6	36 4	53	4	20	เมษ, the ascendant of Portugal, Spain,
22 6	38 4	51	5	7	&c.: hence we may infer that great
23 6	40 4	49	5	53	
24 6	42 4	47	6	38	droughts will be experienced in those
25 6	43 4	45	7	22	nations from dry hot winds, and fur-
E 6	45 4	43	8	6	ther, that the inhabitants will exhibit
27 6	47 4	41	8	51	a fierce spirit of contention. Spain
28 6	49 4	39	9	37	has long been oppressed by faction.
29 6	50 4	37	10	25	and is struggling hard to throw off
30 6	52 4	35	11	16	
31 6	54 4	34	0	a	her

☽ in perigee, 8th day; apogee, 22d day.

⊕'s semidiam. 1st day, 16° 1''; 11th, 16° 3''; 21st, 16° 6''.

Now Autumn tempests sweep along the fields,
 And to the storm each tree its verdure yields:
 Doth envy's poisonous breath your peace annoy,
 And adverse fortune wither every joy?
 Trust in that Power which heaven and earth sustains,
 If all things fail, eternal LOVE remains!

M	W		◎	D's	▷ rises	
D	D		m	A	& sets.	
1	S	or Allhallows	o	2	5 a 32	□ ♀ h
2		AllSouls: M.T.b.		3	6 25	Generally
3	M	10 thighs		4	7 28	fair and
4	Tu	K. Will. III. land.	11	5	8 39	mild.
5	W	12 hams		6	9 54	□ ○ h
6	Th	Leonard	13 legs	7	11 10	* ♂ 4
7	F	h sets 10 23 aft.	14 ancles	8	morn.	Alternately
8	S	L. Mayor's d.		9	0 26	fair and
9		16 toes		10	1 41	wet.
10	M	Day br. 5 14	17 head	11	2 56	♀ in aphelion.
11	Tu	St. Martin	18 face	12	4 8	Fair frosty
12	W	Cam. T. div. m.: Shoot. Stars		13	5 19	△ ♀ 4
13	Th	Britius	21 and	14	6 29	▷ eclip. vis.
14	F	4 sets 5 38 mo.	22 throat	F	rises	mornings
15	S	Machutus	23 arms	16	5 a 21	□ ♀ H
16		24 should.		17	6 9	and rainy
17	M	Hugh Bp. Linc.	25 breast	18	7 4	△ ♀ H
18	Tu	♂ sets 0 21 mo.	26 and	19	8 3	* ♀ ♂
19	W	Twi. ends 6 4	27 stom.	20	9 5	evenings.
20	Th	Edm. K. and Mart.	28 heart	21	10 8	□ ♀ ♂
21	F		back	22	11 11	* ♀ h
22	S	St. Cecilia	bowels	23	morn.	Often foggy
23		St.	1 and	24	0 16	and drizzly.
24	M	Clement	2 belly	25	1 24	
25	Tu	Cath.: Mich. T.e.	3 reins	26	2 33	Some cold
26	W	Day deer. 8 16	4 loins	27	3 45	winds, with
27	Th	♀ sets 6 54 aft.	5 Scorpio	28	5 0	much cloud,
28	F	♂ sets 4 39 aft.	6 domin.	29	6 16	△ ○ H
29	S	Day 8 11 long	7 hips	N	sets	at the
30			8 thighs	1	5 a 11	month's end.

Nov. 1st, 1st of Hesvan; 30th, 1st of Kislev.

The 3 day, at 4^h 15^m morn. Venus
 The 6 day, at 3 37 aftern. Saturn } is in
 The 8 day, at 6 24 morn. Mars } ecliptic
 The 12 day, at 3 38 aftern. Jupiter } conjunction
 The 30 day, at 7 35 aftern. Mercury } with the
 Moon.

M		Moon	
D		South.	
h.	m.	h.	m.
1 6	56 4	32	1 a 7
E 6	58 4	30	7
3 6	59 4	28	7
4 7	14 26	4	6 4·47
5 7	3 4 25	5	3 Wigton, 4·21; and York, 2·21.
6 7	5 4 23	5	57
7 7	6 4 21	6	48 Rain or sleet on or about the 5th,
8 7	8 4 20	7	38 10th, 20th, and 28th.
E 7	10 4 18	8	27
10 7	12 4 16	9	15 her fetters. she will yet rise and be-
11 7	14 4 15	10	15 come victorious. Good government
12 7	15 4 13	10	4 is necessary, and true religion is es-
13 7	17 4 12	11	53 sential, being appointed by Heaven for
14 7	19 4 11	morn.	43 man's welfare; but when the former
15 7	21 4	9 0	33 is misapplied, and used as an engine
E 7	22 4	8 1	23 of tyrannical power, and the latter
17 7	24 4	6 2	12 mixed up with error, and urged with
18 7	26 4	5 3	0 the vehemence of superstition, or held
19 7	27 4	4 3	47 out merely as
20 7	29 4	3 4	32 "A hangman's whip to keep the <i>wretch</i> in
21 7	31 4	2 5	order,"
22 7	32 4	0 5	59
E 7	34 3	59 6	42 the result must be bad,—an effort, of
24 7	36 3	58 7	27 course, will be made to throw off such
25 7	37 3	57 8	13 abuses of human liberty by all sober
26 7	39 3	56 9	2 and thinking men. We experience
27 7	40 3	55 9	54 better things in England, for which
28 7	42 3	55 10	51 we have cause to thank Providence;
29 7	43 3	54 11	50
E 7	45 3	53 0 a 52	yet we have a heavy taxation, and
			the

☽ in perigee, 3d day; apogee, 19th day.
 ☽'s semidiam. 1st day, 16' 9"; 11th, 16' 11"; 21st, 16' 13".

OLD *Winter* in his ermine mantle comes,
 The bleak north wind through every crevice hums :
 Do penury's chill blasts your path surround ?
 Is every pleasing hope strewed on the ground ?
 Cheer up, my friends, for sunshine follows rain,
 Though *Winter* frown, the *Spring* will smile again.

M D	W D		⊕ ‡	D's A	⊕ rises & sets.	
			o		h. m.	
1 M	½ sets 8	56 aft.	9 knees	2 6 a 21	Rough	
2 Tu	¼ sets 4	18 mo.	10 hams	3 7 37	winds, with	
3 W	♂ sets 0	11 mo.	11 legs	4 8 55	rain or snow.	
4 Th	♀ sets 7	10 aft.	12 ankles	5 10 15	△ ♀ ¼	
5 F	Day br.	5 47	13 feet	6 11 32	Now mild	
6 S	<i>Nicholas</i>		14 toes	7 morn.	* ⊕ ½; □ ♀ ¼	
7			15 head	8 0 46	for a few	
8 M	<i>Concept. B.V.M.</i>		16 and	9 1 58	□ ♀ Ⅲ	
9 Tu	Twi. ends	5 55	17 face	10 3 9	days.	
10 W	♀ sets 5	4 aft.	18 neck	11 4 17	♀ elong. max.	
11 Th	Day decr.	8 44	19 throat	12 5 23	* ♀ Ⅲ	
12 F	½ sets 8	18 aft.	20 arms	13 6 24		
13 S	<i>Lucy</i>		21 should.	F	rises	Some down-
14			22 breast	15 4 a 55	fall, perhaps	
15 M			23 and	16 5 52	snow.	
16 Tu	<i>Cam. T.e. O Sap.!</i>		24 stom.	17 6 53	⊕ stationary.	
17 W	<i>Oxf.</i>		25 heart	18 7 56		
18 Th	[Term ends]		26 and	19 8 59	♀ stationary.	
19 F	¼ sets 3	6 mo.	27 back	20 10 3	♀ in ♀	
20 S			28 bowels	21 11 8	♂ ♀ ½	
21			29 belly	22 morn.	□ ⊕ ♂; ♀ elong.	
22 M	<i>Short. D.</i>	½	reins	23 0 15	△ ⊕ ¼ [max.]	
23 Tu	♂ sets midnight		1 loins	24 1 24	Frosty and	
24 W	Day 7	45 long	2 Scorpio	25 2 35	♀ in perihelion.	
25 Th			3 domin.	26 3 49	fair.	
26 F			4 hips	27 5 1	¼ stationary.	
27 S			5 thighs	28 6 11	♂ inf. ♀ ⊕; □	
28			N sets	□ ⊕ Ⅲ [♀ Ⅳ]		
29 M	Night 16	13 long	7 hams	1 5 a 9	□ ♀ ♂	
30 Tu	♀ sets 8	3 aft.	8 legs	2 6 30	Frost and snow.	
31 W	<i>Silvester</i>		9 ankles	3 7 53	△ ♀ ¼	

Dec. 1st, 2d of Kislev; 24th, 25th of Kislev, Dedication of the Temple;
 30th, 1st of Tebet.

The 2 day, at	8 h. 2m. aftern.	Venus	{ is in ecliptic conjunction with the Moon.
The 4 day, at	0 h. 26 m. morn.	Saturn	
The 6 day, at	2 h. 49 m. aftern.	Mars	
The 9 day, at	4 h. 58 m. aftern.	Jupiter	
The 28 day, at	6 h. 39 m. aftern.	Mercury	
The 31 day, at	1 h. 18 m. aftern.	Saturn	

M Sun Sun Moon
D rises sets South.

	h.	m.	h.	m.	
1 7	46	3	53	1	a 54
2 7	48	3	52	2	54
3 7	49	3	51	3	51
4 7	50	3	51	4	45
5 7	52	3	50	5	36
6 7	53	3	50	6	25
E 7	54	3	50	7	13
8 7	55	3	49	8	1
9 7	56	3	49	8	49
10 7	57	3	49	9	38
11 7	58	3	49	10	27
12 7	59	3	49	11	17
13 8	0	3	49	morn.	
E 8	1	3	49	0	6
15 8	2	3	49	0	55
16 8	3	3	49	1	42
17 8	4	3	49	2	28
18 8	4	3	49	3	12
19 8	5	3	50	3	55
20 8	6	3	50	4	38
E 8	6	3	51	5	21
22 8	7	3	51	6	5
23 8	7	3	52	6	51
24 8	8	3	52	7	40
25 8	8	3	53	8	33
26 8	8	3	54	9	30
27 8	8	3	55	10	30
E 8	9	3	55	11	.33
29 8	9	3	56	0	a 35
30 8	9	3	57	1	36
31 8	9	3	58	2	34

MONTHLY OBSERVATIONS.

The depth of Rain in Dec. 1843, at Ackworth, was 0.20 inches; Epping, 0.89; Greenwich, 0.31; Kendal, 2.52; Retford, 0.37; Rochdale, 1.15; Settle, 1.04; Thwaite, 0.02; Wigton, 2.05; and the city of York, 0.22. A mild, dry month.

FIRST QUAR. 6d. 2h. 52m. morn.

Rain or snow, according to the temperature, on the 4th, 14th, 19th, and 29th of this month, the day before or the day after. Note—We generally have the most rain when the temperature is about 42 degrees at a medium.

FULL MOON, 13d. 6h. 43m. aftern.

the industrious part of the community has much to feel, but brighter days are near; therefore, my friends, bear up, and exercise patience.

Upon taking the amount of the twelve months, it appears that the depth of Rain for the whole year 1843, LAST QUAR. 21d. 11h. 27m. aftern. at Ackworth, was 26.25 inches; Epping, 29.93; Greenwich, 25.73; Kendal, 58.31; Retford, 22.67; Rochdale, 45.93; Settle, 45.92; Thwaite, 24.76; Wigton, 37.71; and at the city of York, 25.66; making the mean annual fall 34.287

NEW MOON, 28d. 10h. 53m. aftern. inches, or 14.363 *hogsheads per acre*, which in weight is about three thousand four hundred and sixty-three tons.

⊕ in perigee 1st day; apogee 16th day; perigee 29th day.
⊕'s semidiam. 1st day, 16° 15''; 11th, 16° 16''; 21st, 16° 17''.

The Dominion of the Moon
in Man's Body, passing
under the Twelve Zodiacal
Constellations.

- ♈ Aries, Head and Face.
- ♉ Taurus, Neck and Throat.
- ♊ Gemini, Arms and Shoulders.
- ♋ Cancer, Breast and Stomach.
- ♌ Leo, Heart and Back.
- ♍ Virgo, Bowels and Belly.
- ♎ Libra, Reins and Loins.
- ♏ Scorpio, Secret Members.
- ♐ Sagittarius, Hips and Thighs.
- ♑ Capricorn, Knees and Hams.
- ♒ Aquarius, Legs and Ankles.
- ♓ Pisces, Feet and Toes.

Names and Characters of the PLANETS,
with *Dragon's Head & Dragon's Tail*.

⊕, or, the SUN.	
♃ Saturn.	♄ Jupiter.
♃ Venus.	♂ Mercury.
♇ Dragon's Head.	♈ Dragon's Tail.

PLANETS discovered since 1780.

♩ Uranus.	♹ Ceres.
♸ Pallas.	♺ Juno.

The Characters of the ASPECTS.

☌ Conjunction.	★ Sextile.
	☽ Opposition.
△ Trine.	□ Quartile.

LAW TERMS AND RETURNS.

1. HILARY TERM — begins Jan.	11 — ends Jan. 31 — comprises 21 days.
2. EASTER TERM — begins April	15 — ends May 8 — 24 days.
3. TRINITY TERM — begins May	22 — ends June 12 — 22 days.
4. MICHAELMAS TERM — beg. Nov. 2 — ends Nov. 25 — 24 days.	

It is enacted, That all Writs now usually returnable before the Courts of King's Bench, Common Pleas, or Exchequer respectively, on general Return Days, that shall be made returnable after the first day of January in 1831, may be made returnable on the third day exclusive before the commencement of each Term, or on any day, not being *Sunday*, between that day and the 3d day exclusive before the last day of the Term; and the day for Appearance shall, as heretofore, be the 3d day after such Return, exclusive of the day of the Return; or in case such 3d day shall fall on a *Sunday*, then on the 4th day after such Return, exclusive of such day of Return. All other Writs must be made returnable on a day in full Term.

NAMES OF THE LEARNED JUDGES OF THE LAW.

I. CHANCERY.

Right hon. Lord Lyndhurst	- - -	- Lord High Chancellor.
Right hon. Lord Langdale	- - -	- Master of the Rolls.
Right hon. Sir Lancelot Shadwell	- - -	- Vice Chancellor of England.
Right hon. Sir J. L. Knight Bruce	{	- Vice-Chancellors.
Right hon. Sir James Wigram	}	

II. QUEEN'S BENCH: Right Hon. Lord Denman, L.C.J.

Sir J. Patteson: Sir J. Williams: Sir J. T. Coleridge: Sir W. Wightman.

III. COMMON PLEAS: Right hon. Sir Nicholas C. Tindal, L.C.J.

Sir T. Coltman: Rt. Hon. T. Erskine: Sir W. H. Maule: Sir Cresswell Cresswell.

IV. EXCHEQUER: Right Hon. Sir Fred. J. Pollock, L.C.B.

Rt. Hon. Sir J. Parke: Sir E. H. Alderson: Sir J. Gurney: Sir R. M. Rolfe.

V. BANKRUPTCY COURT: Sir J. L. Knight Bruce, and Sir G. Rose, Judges.

Sir C. F. Williams, J. Evans, J. S. M. Fonblanche, R. G. C. Fane, E. Holroyd, esqrs., and Serjeant Goulburn - - - Commissioners.

Mr. Serjeant Lawes and W. Scrope Ayrton, Esq., Registrars.

Attorney Gen., Sir Wm. Follett: Solicitor Gen., Sir Fred. Thesiger.

REGULATIONS RESPECTING ELECTIONS.

1845.—Notice to receive claims for Votes must be given by Overseers on June 20. — Lists of Electors must be made by July 31. Persons objecting to claims for Votes must give notice by Aug. 25. — Barristers must hold their Revision Courts between Sept. 15. and Oct. 25. — Lists to be copied into books, and the books to be delivered by Oct. 31.; and such books to be considered the Register of the Electors.

COMMON NOTES for the Year 1845.

Lunar Cycle, or Golden Number	-	3	Lent begins	-	-	-	Feb. 5
Epact	-	22	EASTER DAY	-	-	-	Mar. 23
Dominical Letter	-	-	E Rogation Sunday	-	-	-	Apr. 27
Cycle of the Sun	-	-	6 Ascension Day	-	-	-	May 1
EPIPHANY	-	-	Jan. 6 WHIT SUNDAY	-	-	-	May 11
Sundays after Epiphany	-	(one)	TRINITY SUNDAY	-	-	-	May 18
Number of Direction	-	2	Sundays after Trinity	(twenty-seven)	-	-	
SEPTUAGESIMA Sunday	-	Jan. 19	ADVENT SUNDAY	-	-	-	Nov. 30

THINGS TO BE BORNE IN MIND.

In JANUARY. That the January dividends at the Bank are payable on the 8th. That before the 8th, *Fire Insurance* policies, due at Christmas, must be paid. That *Hilary Term* begins on the 11th, ends on the 31st. That most of the *Quarter Sessions* are held in the first week of this month.

In FEBRUARY. That the 3d is Bishop Blase's holiday, the 14th St. Valentine, and the 24th is *St. Matthias*, and is a Holiday at several of the Public Offices.

In MARCH. Remember *St. David's* and *St. Patrick's* days. Municipal assessors appointed on the 1st; also, that Overseers are to be appointed on the 25th, and the old Overseers verify their accounts within fourteen days.

In APRIL. Returns relative to the *Assessed Taxes* are delivered early in this month. Dividends due April 5th are payable on the 8th. *Fire Insurance* due at Lady-day, must be paid before the 8th. That *Easter Term* begins on the 15th. *Quarter Sessions*, 1st week in this month.

In MAY. That Easter Term ends on the 8th, that the hop-duty is collected on the 15th, that the 24th is the QUEEN's birth-day. And remember "round about the May-pole" from the 1st to the 13th; if the May-pole is falling, subscribe for another, or apply to the Lord of the Manor, and see what he will do.

In JUNE. Overseers, on the 20th, to fix on the church-doors notices as to persons qualified to vote for counties; persons on the register need not make a new claim, unless the qualification has been changed. Drink the Queen's health again on the 20th. Trinity Term, which began May 22d, ends the 12th of this month. So farewell to the Lawyers until November. *Quarter Sessions*, the last week.

In JULY. Midsummer dividends are payable on the 8th, and *Fire Insurance* premiums paid before the 8th. Appraisers' licences (who are not auctioneers) to be taken out on the 5th. The 20th is the last day for sending in claims as county voters. Before this day, also, parliamentary electors, in cities and boroughs, must have paid poor's rates and window tax to the 5th of April preceding, or lose their votes for the next year. Lists of Electors to be made out by overseers on or before the 31st. *St. Swithin* is an old deceiver; do not regard him.

In AUGUST. Expect shooting stars about the 9th. The 3rd and 10th, being the 1st and 2d Sundays, Borough and County Lists to be affixed on church-doors signed by the Overseers. Hawkers' and Pedlars' licences taken out on the 1st. All taxes and rates due March 1, must be paid on or before the end of this month by persons claiming to be enrolled as Burgesses. — *Mun. Corp. Act.*

In SEPTEMBER. On the 1st, Lists of objections to both county and borough electors to be affixed on church-doors. On the 22d, lists for the selection, by the Justices, of *Highway Surveyors* to be prepared.

In OCTOBER. Dividends due Oct. 10th are payable on the 14th. Revising Barristers to hold their courts between Sept. 15. and Oct. 31. Michaelmas *Fire Insurances* must be paid before the 13th. Bankers' Licences taken out on the 10th. *Quarter Sessions* in the first week after the 11th.

In NOVEMBER. 1st. Borougn Councillors to be elected. The 1st a Holiday at some of the Public Offices. 10th. *Mayors and Aldermen* to be elected. 12th. Look out for shooting stars. 15th. Hop-duty collected, and Attorneys' certificates to be taken out. Don't let Allhallows day be quite forgotten; but forget, if you safely can, that Michaelmas Term begins on the 2d and ends on the 25th.

In DECEMBER. Forget not the Christmas festivities; nor neglect to ascertain how affairs stand with regard to your accounts, your families, your bodies, your souls. *Time is the most irresistible of all innovators*; but if you have built on a right foundation for eternity, you need not fear him.

*A TABLE OF THE
KINGS AND QUEENS OF ENGLAND,
SINCE THE CONQUEST.*

Kings and Queens.	Born A. D.	Reigns began.	Reigned Y. M. D.	Reigns ended.	Age.	Where buried.
Will. Conq.	1027	1066 Dec. 25	20 8 15	1087 Sept. 9	60	Caen, Norm.
Will. Rufus	1057	1087 Sept. 26	12 10 7	1200 Aug. 2	43	Winchester.
Henry I.	1068	1100 Aug. 5	35 3 27	1135 Dec. 1	67	Reading.
Stephen	1105	1135 Dec. 26	18 10 0	1154 Oct. 25	49	Faversham.

THE SAXON LINE RESTORED.

Henry II.	1133	1154 Dec. 19	34 6 18	1189 July 6	56	Fontevrault.
Richard I.	1156	1189 Sept. 3	9 7 3	1199 April 6	43	Fontevrault.
John	1165	1199 May 27	17 4 23	1216 Oct. 19	51	Worcester.
Henry III.	1207	1216 Oct. 28	56 0 19	1272 Nov. 16	65	Westminster.
Edward I.	1239	1272 Nov. 20	34 7 17	1307 July 7	67	Westminster.
Edward II.	1284	1307 July 8	19 6 12	1327 Jan. 20	43	Gloucester.
Edward III.	1312	1327 Jan. 25	50 4 27	1377 June 21	65	Westminster.
Richard II.	1366	1377 June 22	22 3 7	1399 Sept. 29	33	Westminster.

THE LINE OF LANCASTER.

Henry IV.	1367	1399 Sept. 30	13 5 20	1413 Mar. 20	46	Canterbury.
Henry V.	1389	1413 Mar. 21	9 5 10	1422 Aug. 31	33	Westminster.
Henry VI.	1421	1422 Sept. 1	38 6 3	1461 Mar. 4	49	Windsor.

THE LINE OF YORK.

Edward IV.	1442	1461 Mar. 4	22 1 5	1483 April 9	41	Windsor.
Edward V.	1471	1483 April 9	0 2 16	1483 June 25	12	Not known.
Richard III.	1443	1483 June 26	2 1 26	1485 Aug. 22	42	Leicester.

THE FAMILIES UNITED.

Henry VII.	1456	1485 Aug. 22	23 7 30	1509 April 21	52	Westminster.
Henry VIII.	1492	1509 April 22	37 9 6	1547 Jan. 28	55	Windsor.
Edward VI.	1537	1547 Jan. 28	6 5 9	1553 July 6	16	Westminster.
Queen Mary	1516	1553 July 6	5 4 11	1558 Nov. 17	42	Westminster.
Qu. Elizabeth	1533	1558 Nov. 17	44 4 7	1603 Mar. 24	69	Westminster.

THE UNION OF THE ENGLISH AND SCOTCH CROWNS.

James I.	1566	1603 Mar. 24	22 0 3	1625 Mar. 27	58	Westminster.
Charles I.	1600	1625 Mar. 27	23 10 3	1649 Jan. 30	48	Windsor.
Charles II.	1630	1649 Jan. 30	36 0 7	1685 Feb. 6	54	Westminster.
James II.	1633	1685 Feb. 6	3 10 5	1688 Dec. 11	67	Paris.
William III.	1650	1689 Feb. 13	13 0 20	1702 Mar. 8	51	Westminster.
Mary II.	1662				32	Westminster.

THE UNION OF THE TWO KINGDOMS.

Queen Anne	1665	1702 Mar. 8	12 4 24	1714 Aug. 1	49	Westminster.
George I.	1660	1714 Aug. 1	12 10 10	1727 June 11	67	Hanover.
George II.	1683	1727 June 11	33 4 14	1760 Oct. 25	77	Westminster.
George III.	1738	1760 Oct. 25	59 3 4	1820 Jan. 29	82	Windsor.
George IV.	1762	1820 Jan. 29	10 4 28	1830 June 26	68	Windsor.
William IV.	1765	1830 June 26	6 11 25	1837 June 20	72	Windsor.
VICTORIA	1819	1837 June 20				Whom God preserve.

The COMMONWEALTH, under Cromwell and his Son, lasted from Jan. 30th, 1649, to May 29th, 1660; or 11 years 3 months 29 days.

It was not until the reign of Elizabeth that the principle, that "The King never dies," was admitted; that of hereditary right, from November, 1272.

The three longest reigns were those of Henry III., Edward III., and George III. Richard I.'s body was buried at Fontevrault, his head at Rouen, and his heart at Charron, agreeably to his own directions. H. VI. dep. in 1461, d. in 1471.

John was crowned four times, viz. on May 27th, 1199; on Oct. 8th, 1200; on March 25th, 1201; and on April 14th, 1202.

Henry III. was crowned twice: viz. Oct. 28th, 1216; and May 17th, 1220.

Edward III. was King of France from January 1340 to May 1360.

Some legal documents between July 5th & 17th, 1553, refer to Jane [Grey] as Queen.

BIRTH-DAYS OF THE ROYAL FAMILY.

QUEEN VICTORIA	-	-	-	-	-	born 24 May 1819.
PRINCE ALBERT	-	-	-	-	-	born 26 Aug. 1819.
THE PRINCESS ROYAL	-	-	-	-	-	born 21 Nov. 1840.
ALBERT EDWARD, PRINCE OF WALES	-	-	-	-	-	born 9 Nov. 1841.
PRINCESS ALICE MAUD MARY	-	-	-	-	-	born 25 April 1843.
PRINCE ALFRED ERNEST ALBERT	-	-	-	-	-	born 6 Aug. 1844.

Queen Dowager	-	-	13 Aug. 1792	George Frederick of Han.	27 May 1819
King of Hanover	-	-	5 June 1771	George William of Camb.	26 Mar. 1819
Duke of Cambridge	-	-	24 Feb. 1774	AugustaCaroline, now Duchess of Meck-	
Duchess of Gloucester	-	-	25 April 1776	lenburg Strelitz	-
Princess Sophia	-	-	3 Nov. 1777	Mary Adelaide of Camb.	27 Nov. 1833
Duchess of Kent	-	-	17 Aug. 1786	Princess Sophia Matilda	29 May 1773
Duchess of Cambridge	-	-	25 July 1797		

SOVEREIGNS OF EUROPE.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c.	VICTORIA - -	May 24 - - 1819	June 20 - - 1837
France, &c.	Louis Philippe I.	Oct. 6 - - 1773	Aug. 9 - - 1830
Russia, &c.	Nicholas - -	July 7 O. S. 1796	Dec. 1, O. S. 1825
Spain	Maria Isabella -	Oct. 10 - - 1830	Sept. 29 - - 1833
Portugal	Maria de Gloria -	April 4 - - 1819	May 2 - - 1826
Prussia	Frederic Wm. IV.	Nov. 15 - - 1795	June 7 - - 1840
Netherlands	William II. - -	Dec. 6 - - 1792	Oct. 7 - - 1840
Belgium	Leopold I. - -	Dec. 16 - - 1790	July 21 - - 1831
Denmark	Frederic VII. -	Sept. 18 - - 1786	Dec. 3 - - 1839
Sweden & Norway	Oscar - -	July - - 1799	Mar. 8 - - 1844
Austria, &c.	Ferdinand - -	April 11 - - 1793	Mar. 2 - - 1835
Popedom	Gregory XVI. -	Sept. 18 - - 1765	Feb. 2 - - 1831
Sardinia	Charles Amadeus -	Aug. 16 - - 1800	Apr. 27 - - 1831
Naples, &c.	Ferdinand II. -	Jan. 12 - - 1810	Nov. 8 - - 1830
Ottoman Empire	Abdul Medjid -	April 19 - - 1823	July 1 - - 1839
Hanover	Ernest Augustus -	June 5 - - 1771	June 20 - - 1837
Greece	Otho I. - -	June 1 - - 1815	Feb. 6 - - 1833
Bavaria	Louis Charles -	Aug. 25 - - 1786	Oct. 13 - - 1825
Saxony	Frederick - -	May 18 - - 1797	June 6 - - 1836

TABLE TO CALCULATE WAGES.

Pr. Yr.	Per Month.	Pr. Week.	Per Day.	Pr. Yr.	Per Month.	Pr. Week.	Per Day.
£	£ s. d.	£ s. d.	s. d.	£	£ s. d.	£ s. d.	s. d.
1	0 1 8	0 0 4½	0 0¾	15	1 5 0	0 5 9	0 9½
2	0 3 4	0 0 9½	0 1 4½	16	1 6 8	0 6 11½	0 10½
3	0 5 0	0 1 1½	0 2	17	1 8 4	0 6 6½	0 11½
4	0 6 8	0 1 6½	0 2 4½	18	1 10 0	0 6 10½	0 11½
5	0 8 4	0 1 11	0 3 4½	19	1 11 8	0 7 3½	1 0½
6	0 10 0	0 2 3½	0 4	20	1 13 4	0 7 8	1 1½
7	0 11 8	0 2 8½	0 4 4½	30	2 10 0	0 11 6	1 7½
8	0 13 4	0 3 0½	0 5 4	40	3 6 8	0 15 4	2 2½
9	0 15 0	0 3 5½	0 6	50	4 3 4	0 19 2	2 9
10	0 16 8	0 3 10	0 6 4	60	5 0 0	1 3 0½	3 3½
11	0 18 4	0 4 2½	0 7 4	70	5 16 8	1 6 10½	3 10
12	1 0 0	0 4 7½	0 8	80	6 13 4	1 10 8½	4 4½
13	1 1 8	0 4 11½	0 8 4	90	7 10 0	1 14 6½	4 11½
14	1 3 4	0 5 4½	0 9 4	100	8 6 8	1 18 4½	5 5½

The Months in the above Table are calculated at only Twelve Months to the Year. If the yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per Year are Ten Shillings per Month; but, if the Wages be Six Guineas, add one Penny for each Guinea, that is, Sixpence, and it will then be Ten Shillings and Sixpence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Five-pence per Week.

A plain and easy TABLE, showing the time of HIGH WATER.

Note.—Opposite the Moon's Age in the first column you have nearly the time of High Water at the Places specified in the several columns: * denotes a little before, † a little after.

† Banff,	Calais,	Chichester,	† Cromartie,	* Deal,
Dunkirk,	Gravelines,	† Greenock,	Harrowich,	Kentish
Knock,	Liverpool,	N. Foreland,	Portsmouth	Dock-
yard,	† Ramsgate,	Southampton,	St. Helen's.	yard.
* Aberdeen,	Bergen,	* Flushing,	Goodwin Sands,	
Graveend,	Gore,	† May Isle,	† Montrose,	Rumney,
* Nore Light,	† Tay Bar.			
† Amserdare,	† Aline,	Berwick,	† Blythe,	† Burnt Island,
* Cuckold's Point,	Dunbar,	Dundee,	Drontheim,	Eye-
mouth,	Hartlepool,	Heleua (St.),	Leith Pier,	LONDON
Bridge,	† Rotterdam.			
Barnstable Bar,	† Bolt Head,	* Donegal,	* Edystone,	
* Falmouth,	Fowey,	† Miltord Haven,	* Morlaix,	Ply-
mouth Dock-yard,	† Saltee.			mouth.
Achill H.,	Brigport,	Cancie B.,	Carmarthen Bar,	
Dartmouth,	† Exmouth,	† Guernsey Pier,	Hull,	Lewis
Islands,	Pembroke Dock-yard,	† Portland Pier,	St. Malo,	
Swansea Bay,	Torbay,	† Weymouth.		
† Barnmouth,	Cherbourg,	* Boston,	* Bristol,	Brehat
Isle,	Dudleon Light,	† Gironde Mouth,	Sandy Hook,	
	† Texel (S. P.),	Wextord Harbour.		
Aldboro',	* Amlwick,	† Beachy Off.	Calf of Man,	
Cows,	Douglas,	Dhuval:	Dungeness,	* Havre,
land Frith,	Ivy,	* Stromness,	Yarmouth Sands.	* Pent-
				land.
* Cairton,	Cantire (Mull),	Carnarvon,	* Christchurch	
H.,	Donaghadee,	† Lerwick,	* Needles,	Rathlin I.,
† Spithead,	Texel,	Wicklow.		

N.B.—The Moon's Age is given in the Calendar pages.

Y's A.	h. m.							
0 15	11 38	1 30	2 18	5 30	6 8	7 33	10 48	9 10
1 16	12 25	2 18	3 6	6 18	6 56	8 21	11 36	9 58
2 17	1 14	3 6	3 54	7 6	7 41	9 9	12 24	10 46
3 18	2 2	3 54	4 42	7 54	8 32	9 57	1 12	11 34
4 19	2 50	4 42	5 30	8 42	9 20	10 45	2 0	12 22
5 20	3 38	5 30	6 18	9 30	10 8	11 33	2 48	1 10
6 21	4 26	6 18	7 6	10 18	10 56	12 21	3 36	1 58
7 22	5 14	7 6	7 54	11 6	11 44	1 9	4 24	2 46
8 23	6 2	7 54	8 42	11 54	12 32	1 57	5 12	3 34
9 24	6 50	8 42	9 30	12 42	1 20	2 45	6 0	4 22
10 25	7 38	9 30	10 18	1 30	2 8	3 33	6 48	5 10
11 26	8 26	10 18	11 6	2 18	2 56	4 21	7 36	5 58
12 27	9 14	11 6	11 54	3 6	3 44	5 9	8 24	6 46
13 28	10 2	11 54	12 42	3 54	4 32	5 57	9 12	7 34
14 29	10 50	12 42	1 30	4 42	5 20	6 45	10 0	8 22

Note.—The times in the above Table, though only approximative, are usually true within half an hour.

A Table of the Equation of Time, for regulating Clocks and Watches for 1845.

D.	January.	February.	March.	April.	May.	June.
1	3m. fa. 57s.	13m. fa. 56s.	12m. fa. 35s.	3m. fa. 56s.	3m. slo. 3s.	2m. slo. 31s.
3	4 53	14 10	12 10	3 20	3 17	2 13
5	5 47	14 21	11 43	2 45	3 29	1 52
7	6 40	14 28	11 14	2 10	3 33	1 31
9	7 31	14 32	10 44	1 36	3 46	1 8
11	8 20	14 33	10 13	1 3	3 50	0 44
13	9 6	14 31	9 40	0 32	3 53	0 20
15	9 49	14 26	9 6	0 1	3 54	0 fa. 5
17	10 30	14 18	8 32	0 slo. 28	3 52	0 31
19	11 7	14 7	7 56	0 56	3 48	0 56
21	11 42	13 54	7 19	1 22	3 42	1 22
23	12 13	13 37	6 43	1 46	3 34	1 48
25	12 42	13 19	6 2	8 3	23	13
27	13 7	12 58	5 28	2 29	3 11	2 38
29	13 20	- 4	5 1	47 2	56 3	3 3
31	13 48	- 4	14 -	- 2	40 -	- -

Equation of Time Table — continued.

D.	July.	August.	September.	October.	November.	December.
1	3m. fa. 27s.	6m. fa. 0s.	6m. slo. 10s.	10m. slo. 21s.	16m. slo. 17s.	10m. slo. 42s.
3	50	5	52	0	48	10
5	4	11	5	27	11	35
7	4	31	5	2	7	12
9	4	50	5	14	2	43
11	5	7	4	56	3	29
13	5	22	4	36	4	11
15	5	36	4	14	4	53
17	5	47	3	49	5	36
19	5	56	3	23	6	18
21	6	3	2	54	7	0
23	6	7	2	24	7	15
25	6	10	1	53	8	23
27	6	10	1	19	9	3
29	6	8	0	44	9	43
31	6	3	0	8	-	16
					15	-
					-	3
					-	22

Note.—Fa. means Clock to be fast; that is, your Clock, to be right, must be so much faster than the Sun Dial—slo. that your Clock must be so much slower than the Sun Dial. See p. 27., Almanack for 1837.

To set a Clock or Watch on any Day by means of this Table:—Take out the number of Minutes and Seconds which stands against that day, and make your Clock or Watch so much faster or slower (according as the Table is marked fa. or slo.) than the time on a good Sun Dial. Thus, on January 1st, the Clock must be set 3m. 57s. *faster* or *before* the dial; on the 1st of October, it must be set 10m. 21s. *slower*. Correct the Watch when the Dial marks just an hour, as 9, 10, 11, 1, 2, 3, or 4 o'clock. Noon is not best, nor near Sun-rise or Sun-set.

Note.—The Sun's risings and settings, as well as all other astronomical matters in this Almanack, are now given in Mean Solar or Clock Time, as best fitted for my numerous friends.

A TABLE showing the Days on which the Moon enters the several Signs of the Zodiac, in 1845.

Days of Month.	Jan.	Feb.	Mar.	Apr.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-

32 PLANETARY PHENOMENA, &c. [MOORE.]

MEAN TIME at GREENWICH when the PLANETS enter the several Signs of the ZODIAC in 1845.

MERCURY.

		h. m.	
February	13th, at	5 9 morn. ☽	
March	- 5th, at	9 22 morn. ☿	
	21st, at	4 31 aft. ☽	
April	- 5th, at	6 25 aft. ☽	
June	- 13th, at	1 55 morn. II	
	29th, at	4 17 aft. ☽	
July	- 13th, at	7 36 aft. ☽	
	30th, at	7 23 aft. ☽	
October	7th, at	6 22 morn. ☽	
	24th, at	8 29 aft. ☽	
November	12th, at	4 57 aft. ☿	
December	3d, at	2 57 morn. ☽	

VENUS.

January	19th, at	1 18 morn. ☽	
February	12th, at	5 11 morn. ☽	
March	- 8th, at	8 45 morn. ☿	
April	- 1st, at	1 11 aft. ☽	
	25th, at	7 28 aft. ☽	
May	- 20th, at	4 16 morn. II	
June	- 13th, at	1 58 aft. ☽	
July	- 8th, at	0 49 morn. ☽	
August	- 1st, at	0 39 aft. ☽	
	26th, at	2 28 morn. ☽	
September	19th, at	8 20 aft. ☽	
October	- 14th, at	8 0 aft. ☿	
November	9th, at	5 50 morn. ☽	
December	5th, at	4 0 aft. ☽	

MARS.

January	- 20th, at	10 46 morn. ☿	
March	- 8th, at	7 8 aft. ☽	
April	- 27th, at	1 25 aft. ☽	
July	- 10th, at	9 0 aft. ☿	
	28th, at	0 53 morn. ☽ R	

	h. m.	
October	- 27th, at	3 42 aft. ☿
December	22d, at	2 17 morn. ☽

JUPITER.

January	- 19th, at	8 51 aft. ☽
June	- 2d, at	10 42 morn. ☽

SATURN.

In ☽ during the whole year.
URANUS.

In ☽ during the whole year.

NOTE.—When R occurs, it shows the planet is *retrograde*, and that it enters at the terminating point of the sign against which it stands. Only one instance of this takes place within the period of the present year, and that is of *Mars* on the 27th of *July*.

The Times when the PLANETS are stationary in 1845, M.T. Greenwich.

January	3 4 morn. ☽	D. S. R. in ☽
	23 7 aft.	○ R. S. D. in ☽
April	- 28 8 morn. ☽	D. S. R. in ☽
May	- 21 2 morn. ☽	R. S. D. in ☽
	30 3 morn. ☽	D. S. R. in ☽
July	- 16 3 morn. H	D. S. R. in ☽
	21 7 morn. ☽	D. S. R. in ☽
August	29 2 morn. ☽	D. S. R. in ☽
	30 11 aft. ☽	D. S. R. in ☽
September	19 7 morn. ☽	R. S. D. in ☽
	20 10 morn. ☽	R. S. D. in ☽
October	17 2 morn. ☽	R. S. D. in ☽
December	16 3 morn. H	R. S. D. in ☽
	18 6 morn. ☽	D. S. R. in ☽
	26 7 aft. ☽	R. S. D. in ☽

TEN INTERESTING QUESTIONS FOR MY READERS TO CONSIDER.

1. Suppose you were cast upon an island inhabited by savages who were poor and indolent, though their soil and climate were good, what would be the first means you would take, in order to render a native most benefit? Would you teach him to play the fiddle or to dance? or would you show him the use of an axe, or a saw, or a spade, and so on?

2. Will you not explain to yourself or your neighbour the various ways in which knowledge would be advantageous to an apprentice, to a common sailor, to a common workman, to a clerk, &c.?

3. What is the difference between a man who carries on a trade understanding all the principles of the process, and one who carries it on without knowing any thing about the principles?

4. Can you mention the name of any persons, besides Sir Richard Arkwright, Smeaton, and Dr. Franklin, who have risen from inferior situations, to great eminence, simply by knowledge and by their own exertions? Do you know any such? Is it not well to imitate them?

5. What should you think of any persons, poor or rich, who were opposed to schools?

6. Suppose there were two men, equally strong and equally healthy; one of them well informed and clever, knowing how to do many things; the other ignorant, and not knowing how to do any thing but the simplest labour; which of them would earn the highest wages? and what would be the difference in a year?

7. Is it not well for a boy to be sent regularly to school, that he may stand a better chance of good earnings when he becomes a man?

8. What opportunity has an ignorant man of rising in his trade or profession, and of becoming a rich man or much respected?

9. If a man be vicious or dishonest, though he be ever so intelligent, can he expect to succeed, or will he ever be happy?

10. What do you think of the feeling which some persons have, that labour is disgraceful and idleness genteel?

STAMP DUTIES.

RECEIPTS.	s.	d.	BONDS AND MORTGAGES. £ s.
If £5 and under £10	-	0 3	For any Sum not above £50 - - - 1 0
10 ditto	20	0 6	£50 and not above £100 - - - 1 10
20 ditto	50	1 0	100 ditto 200 - - 2 0
50 ditto	100	1 6	200 ditto 300 - - 3 0
100 ditto	200	2 6	300 ditto 500 - - 4 0
200 ditto	300	4 0	500 ditto 1,000 - - 5 0
300 ditto	500	5 0	1,000 ditto 2,000 - - 6 0
500 ditto	1,000	7 6	2,000 ditto 3,000 - - 7 0
1,000 and upwards	-	10 0	3,000 ditto 4,000 - - 8 0
Any sum, if in full	-	10 0	4,000 ditto 5,000 - - 9 0
The Stamp to be paid by the Person giving the Receipt.			5,000 ditto 10,000 - - 12 0
Receipt Stamps necessary if money be paid by Promissory Notes, &c.			Bonds of Indemnity - - - 1 15

BILLS & PROMISSORY NOTES.

Payable on Demand or at Other-
not exceeding 2 mo. after wise
date, or 60 days aft. sight. payable.

£ s.	£ s.	s. d.	s. d.
If for 2 0	5 5	1 0	1 6
Above 5 5	20 0	1 6	2 0
20 0	30 0	2 0	2 6
30 0	50 0	2 6	3 6
50 0	100 0	3 6	4 6
100 0	200 0	4 6	5 0
200 0	300 0	5 0	6 0
300 0	500 0	6 0	8 6
500 0	1,000 0	8 6	12 6
1,000 0	2,000 0	12 6	15 0
2,000 0	3,000 0	15 0	25 0
3,000 0	-	25 0	30 0

Penalty for post-dating Bills, £100.

LEASE FOR A YEAR.

Where the Purchase Money shall not amount to £20	£ s.
£20 and not amount to £50	0 10
50 ditto	0 15
150 or upwards	1 5

MORTGAGES, the same Duty as on Bonds.

LEGACIES OF £20 AND UPWARDS.

To Children or Parents	£ per ct.
Brother or Sister	3 do.
Uncle or Aunt	5 do.
Great Uncle or Aunt	6 do.
All other Relations or Strangers	10 do.
Husband, Wife, and Royal Family	exempted.

TRANSFERS AND DIVIDENDS IN THE FUNDS.

Name of the Stock.	Days of Transfer.	Payable.	Hours.
BANK Stock	-	Tu W Th F	
3 per cent. Reduced	-	Tu W Th F	April 8.
$\frac{3}{4}$ per cent.*	-	Tu W Th F	and
Long Annuities	M	Tu W Th F	Oct. 14.
3 per cent. Consols	-	Tu W Th F	
Ditto, 1726	-	Tu W Th F	Jan. 8.
New 5 per cent.	-	Tu W Th F	and
Ann. to Jan. 1860.	-	Tu W Th F	July 8.
SOUTH SEA Stock	M	W - F	Jan. 8.
3 per cent. New Ann.	Tu	Th - S	and
3 per cent. 1751	Tu	Th - S	July 8.
INDIA Stock	-	Tu - Th -	Jan. 5, July 5.
India Bonds	-	- - -	Interest due, Mar. 31, Sept. 30.

* This Stock is $\frac{3}{4}$ per cent. till Oct. 1854; then it will be New 3 per cents., not redeemable till 1874.

Private Transfers may be made at other times than as above, by paying 2s. 6d. extra at the Bank and India House, and 3s. 6d. extra at the South Sea House.

HOLIDAYS AT THE BANK.

There are now only four, viz. Christmas Day, Good Friday, May 1., and Nov. 1. Of these the first two only are observed at the Dividend Office.

Years of
Christ.

Chronology

OF REMARKABLE OCCURRENCES.

1066	Norman Conquest.	1805	Battle of Trafalgar.
1116	First Parliament of two Houses.	1805	Deaths of Mr. Pitt and Mr. Fox.
1185	Ireland conquered by the English.	1807	English take Copenhagen; Treaty of Tilsit; Portuguese government emigrate to the Brazils; Gas Lights instituted.
1304	Edward I. reduced Scotland.	1809	Jun. 16. Battle of Corunna.
1369	Wycliffe began the Reformation.	1812	Moscow burnt.
1492	Columbus discovered America.	1813	War with America; Revolution in Holland; Pr. of Orange recalled.
1584	Sir Wal. Raleigh discovered Virginia	1814	Severe Frost; Allies invaded France; Capitulation of Paris; Buonaparte abdicated, & went to Elba; Emperor of Russia, King of Prussia, &c., visited London; Peace proclaimed.
1588	Spanish Armada destroyed.	1815	Buonaparte returned to France; BATTLE OF WATERLOO; Surrender of Paris; Return of Louis XVIII.; Buonaparte exiled to St. Helena, where he died May 5, 1821.
1603	Plague in London; died 56,570.	1816, 1817, 1819,	Vauxhall, Waterloo, and Southwark Bridges opened.
1605	Popish Gunpowder Plot, Nov. 5.	1820	GEORGE III. died, Jan. 29.
1610	Jupiter's Satellites discovered.	1825	South America independent.
1611	New Translation of the Bible, by Royal Authority.	1825	Independ. of Hayti acknowledged.
1614	New River brought to London.	1827	Battle of Navarino, Oct. 20.
1616	Shakspeare died.	1828	Repeal of Test & Corporation Acts.
1625	Plague in London; died 34,517.	1829	Apr. 13, Catholic Relief Bill passed.
1632	Fire on London Bridge, Feb. 11.	1830	June 26. GEORGE IV. died, aged 68; Accession of WILLIAM IV.
1649	King Charles I. beheaded, Jan. 30.	1830	July, Algiers taken by the French.
1653	Cromwell made Protector, Dec. 12.	1830	July 27. Revolution in France; abdication of Charles X.; the Duke of Orleans declared King; Revolution at Brussels.
1655	George Fox, first of the Quakers.	1831	July 21, Leopold, of Saxe Coburg, installed King of the Belgians.
1658	Oliver Cromwell died, Sept. 3.	1831	July 21, Emperor of Brazil abdicated.
1660	Charles II. restored, May 29.	1831	Aug. 1, London Bridge opened; first stone laid June 1, 1825.
1662	Royal Society instituted.	1832	March 21, General Fast on account of the Cholera.
1666	Burning of London, Sept. 2.	1832	Reform of Parliament Bills passed.
1669	Royal Exchange first opened.	1833	Prince ORIO, of Bavaria, chosen King of Greece; Don Pedro invaded Portugal; Miguel's Fleet taken by Captain Napier; Slave Emancipation Bill passed.
1670	Prince of Orange arrived.	1835	Sept. Municipal Corporations Act.
1672	Halfpence & farthings first coined.	1836	New Marriage Act passed.
1677	Pr. of Orange married Prs. Mary.	1837	WILLIAM IV. died June 20.
1678	The Popish Plot discovered.	1838	Jan. 10, Royal Exchange burnt.
1679	The Habeas Corpus Act passed.	1838	June 28, Queen VICTORIA crowned.
1688	7 Bishops sent to the Tower, June 8.	1840	Feb. 10, Queen m. to Prince Albert.
1688	Pr. of Orange land. at Torbay, Nov. 4.	1841	Sovereignty of New Zealand claimed.
1688	King James II. abdicated. Dec. 12.	1842	May 5, A Fire at Hamburg, destroying one third of the City and three Churches.
1689	William & Mary crowned, Apr. 11.	1843	Feb. 8 & 9. Destructive Earthquake at St. Domingo, Guadalupe, and other West India Islands.
1693	Bank of England established.	Sept. 3.	Queen Victoria visited the King of the French at Eu; quitted France on the 7th; landed at Ostend on the 13th, on a visit to King Leopold, and re-embarked at Antwerp on the 15th.
1704	Gibraltar taken by Sir Geo. Rooke.		
1707	England & Scotland united, May 1.		
1727	Sir Isaac Newton died, March 20.		
1727	Earthquake in several parts of England.		
1745	A Rebellion in Scotland.		
1746	Battle of Culloden, April 16.		
1750	Westminster Bridge finished.		
1752	Style and Calendar altered, Sept. 2.		
1755	Lisbon destroyed by an Earthquake.		
1765	General Warrants declared illegal.		
1775	American War declared, Aug. 23.		
1776	Americans declare their Independ.		
1778	War against France.		
1779	War against Spain.		
1780	War against Holland.		
1783	A General Peace.—Fiery Meteor passed over England, Aug. 18.		
1784	Establishment of Mail Coaches.		
1792	France a Republic.—King of Sweden shot by Ankerstrom.		
1793	King & Queen of France guillotined.		
1796	Great Earthquake at Lisbon.		
1797	Ireland invaded by the French; Suspension of Cash Payts. at the Bank.		
1798	Battle of the Nile, Aug. 1.		
1799	Buonaparte made First Consul.		
1801	Union with Ireland.—General Peace.		
1801	1802, 1804. The Planets <i>Ceres</i> , <i>Pat-</i> <i>las</i> , and <i>Juno</i> , discovered.		
1803	War with France renewed, after a peace of 14 months.		
1804	Buonaparte made Emperor.		

AN ACCOUNT OF

THE ECLIPSES OF THE SUN AND MOON,

*And other Appearances in the Heavens, in the year 1845,
the Result of careful Calculations from the most correct
and approved Data relative to the Celestial Bodies.*

THERE is indeed no part of the Creation but what displays the wisdom, goodness and power of the great First Cause to an attentive mind: but the *Heavens* in a *most emphatical* manner “declare the glory of God,” and are nobly eloquent of the Deity, as well as the most magnificent heralds of their Maker’s praise; so that in this divine book of creation the most unlettered may find enough to excite their admiration and praise.

By a little knowledge in this pleasing and wonderful science, we are enabled to contemplate that magnificent economy which poised the stars with such inexpressible nicety, and meted out the heavens with a span; where all is prodigiously vast, surprisingly various, yet more than mathematically true. By Astronomy we also learn to consider those golden luminaries in the heavens, which appear but as twinkling flames, to be in fact prodigious bodies, and as many suns to so many systems, each accompanied with its particular planetary equipage; therefore what a multiplicity of mighty spheres and worlds, unknown to us, must be perpetually running their various rounds in the immense regions of space, yet none mistake their way, or wander from the paths assigned them; and though they travel through trackless and unbounded space, yet none fly from their orbits into extravagant excursions; none press in upon their centre with too near an approach, but all their revolutions proceed with eternal harmony, keeping such time, and observing such laws, as are most exquisitely adapted to the perfection of the whole.

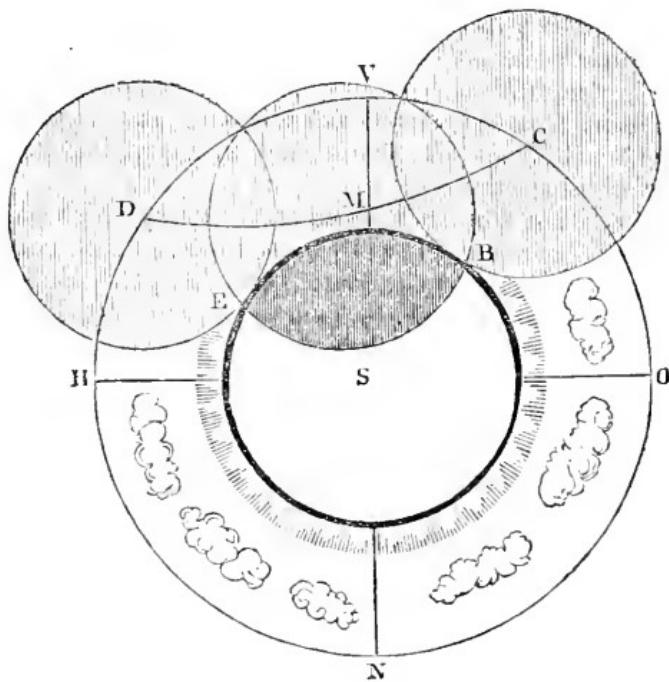
Without further introduction I shall now hasten to describe the ECLIPSES, and other astronomical phenomena of the present year. As respects the former they are *four* in number; that is, *two* of the sun, and *two* of the moon, when *one* of each luminary will be *visible* in this country.

The first Eclipse is a partial and visible one of the Sun, and will happen on *Tuesday*, the 6th of *May*, in the forenoon. The following Instants are given in Mean or clock time, according to the respective meridians:—

Eclipse of the Sun May 6th, A. M.	Beginning.	Greatest Obscuration.	End.	Magnitude.
	h. m. s.	h. m. s.	h. m. s.	dig. ' "
Greenwich -	- 8 31 18	9 36 48	10 47 6	4 37 55
Edinburgh -	- 8 20 36	9 29 12	10 42 36	5 50 38
Dublin -	- 8 1 24	9 8 12	10 20 30	5 37 41
Paris *	- 8 41 24	9 43 24	10 50 30	3 49 41

* As I know that my Almanack is circulated in Paris, I insert this for the use of my friends there.

The following Type represents the Eclipse at Greenwich ; here we have V N a vertical, and H O an horizontal line, passing through S the Sun's centre; C M D the curve described by the Moon's centre; B the point where the dark body of the Moon makes the first visible impression on the Sun's periphery, where the Eclipse begins, and E the same where it ends ; the former is 34° , and the latter 53° from the Sun's vertex.



With respect to the general appearance of this Eclipse, I find that it will enter upon the Earth at 7h. 49m. in lat. $27^\circ 13' N.$, long. $36^\circ 55' W.$, which is to the west of the *Canary Islands*, in the *North Atlantic Ocean*. The central eclipse will commence at 9h. 58m. in lat. $66^\circ 43' N.$, long. $103^\circ 39' W.$, and terminate at 10h. 20m. in lat. $72^\circ 39' N.$, and lon. $136^\circ 58' W.$ After this the penumbra rapidly contracts till it becomes a point, to

the north-west of *Karakum*, in the *Chinese Empire*, when at 0h. 29m. p. m. in lat. $48^{\circ} 6'$, and long. $101^{\circ} 9'$ E., the Eclipse finally leaves the Earth, and is no more seen. This Eclipse will be visible more or less to some parts of *North America*, to all *Europe*, and some portions of *Asia*; and where central, will not be total, but annular, for a ring of solar light will surround the Moon's dark body on every side, beautiful to behold; but this phenomenon will be confined to a very small portion of the earth, in high north latitude.

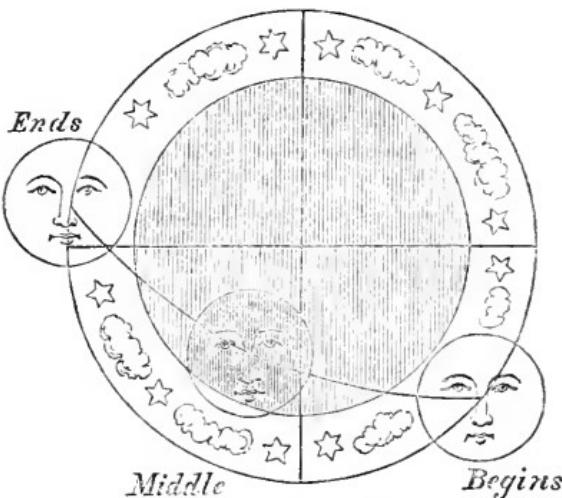
The second is a total Eclipse of the Moon; it happens on *Wednesday*, the 21st of *May*, in the afternoon, but invisible to us, the Moon being below our horizon at the time she is crossing the section of the Earth's shadow. This Eclipse begins at 2h. 17m. 6s., the Immersion takes place at 3h. 31m. 18s., the Emersion at 4h. 16m. 30s., and the end of the Eclipse at 5h. 30m. 35s.

At the middle of the Eclipse, which is at 3h. 53m. 54s., when the Moon is immersed into the earth's shadow $13^{\circ} 8' 24''$ from her Southern limb, she will be in the zenith in lat. $19^{\circ} 56'$ S., and long. east of *Greenwich* $120^{\circ} 39'$, which is between the island *Lucon*, one of the *Philippine Islands*, and the island *Formosa*, in the *Chinese Sea*. Hence the Eclipse will be visible to the *Japan*, *Ladrone*, *Feejee Islands*, &c. It will also be visible to *New South Wales*, *Hindostan*, *Persia*, *China*, and many other portions of the earth.

The third is an annular Eclipse of the Sun, which happens on the night of *Thursday*, the 30th of *October*, and of course must be invisible to us. For the Earth generally, this Eclipse begins at 9h. 32m. in lat. $19^{\circ} 37'$ S., and long. $117^{\circ} 59'$ E., near the north-western coast of *Australia*. The central appearance commences at 10h. 55m., in lat. $43^{\circ} 53'$ S., and long. $88^{\circ} 22'$ E., in the *Great Southern Ocean*; and ends at 12h. 47m., in lat. $67^{\circ} 37'$ S., and long. $68^{\circ} 48'$ W., in the same abyss of waters, far beyond *Cape Horn*. The Eclipse finally leaves the Earth at 14h. 10m., or at 2h. 10m. in the morning of *Friday* the 31st, in lat. $45^{\circ} 17'$ S., and long. $112^{\circ} 10'$ W., which falls in the *South Pacific Ocean*. From the above it is evident, as it regards the habitable parts of our globe, that this Eclipse is limited to *Australia* and *New Zealand*.

The fourth and last Eclipse that will happen this Year, is a partial one of the Moon, on the night of *Thursday* the 13th, and the morning of *Friday* the 14th of *November*, and will be visible from beginning to end throughout *Great Britain* and *Ireland*. The following Type of this Eclipse for *Greenwich* will, without sensible error, serve for other parts of the kingdom.

Digits eclipsed on the Moon's northern limb, at the middle of the Eclipse = $11^{\circ} 1' 41''$.



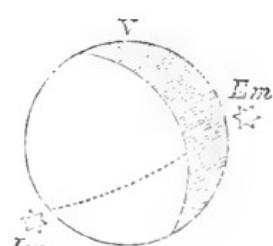
I shall now give my Readers the Mean Times of this Eclipse, according to the respective meridians of the places here mentioned :—

Eclipse of the Moon, Nov. 13. P. M. and 14th A. M.	Greenwich.	York.	Edinburgh.	Dublin.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.
Beg., 13th day, night -	11 10 12	11 5 48	10 57 28	10 44 50
Mid., 14th day, morn. -	0 49 18	0 44 54	0 36 34	0 23 56
End, ditto - - -	2 28 24	2 24 0	2 15 40	2 3 2

At the beginning of this Eclipse the Moon will be vertical in lat. $17^{\circ} 40'$ N., and long. $7^{\circ} 50'$ E., which falls to the north-east of *Houssa*, near the river *Guin* in *Africa*. At the middle she will be overhead in lat. $17^{\circ} 49'$ N., and long. $16^{\circ} 6'$ W., not far from the entrance of the river *Senegal*, on the western coast of *Africa*. At the end of the Eclipse the Moon will be in the zenith in lat. $17^{\circ} 58'$ N., and long. $40^{\circ} 3'$ W., in the *Atlantic Ocean*, between the *Cape de Verd* and the *Caribbee Isles*. This Eclipse, therefore, will be visible to the whole of *Europe* and *Africa*, to the western parts of *Asia*, to the *West India Islands*, and the principal parts of *North* and *South America*.

LUNAR OCCULTATIONS.

The only occultations worthy of notice this year are those of the star *Epsilon* in *Taurus* on the 18th of *October*, and on the 15th of *November*. The annexed Type exhibits the former. *Im.* the place of immersion, which happens at 7h. 49m., and *Em.* that of Emerson, which takes place at 8h. 43m. in the evening:—V represents the Moon's uppermost point.—The last-named occultation happens in the morning: immersion



6h. 22m., and emersion 7h. 6m.—A telescope of some sort will be necessary to observe this star, owing to the brightness of the Moon, the star being only of the fourth magnitude.

CELESTIAL PHENOMENA.

The visible TRANSIT of the Planet MERCURY over the Sun, and the Times when the Planets are in the most favourable Positions for Telescopic Observation; together with other interesting particulars pointed out relative to these Celestial Bodies.

TRANSITS are celestial appearances of rather rare occurrence, as it is now 13 years since a phenomenon of this kind was visible in this country! In the present instance, *Mercury* will be seen projected upon the Sun's face, in the form of a circular well-defined black spot, from about a quarter past four in the afternoon to the time of the setting of the Sun. The times, angular distance of the point of ingress from the Sun's vertex, &c., for the Royal Observatory, Greenwich, are as given below:—

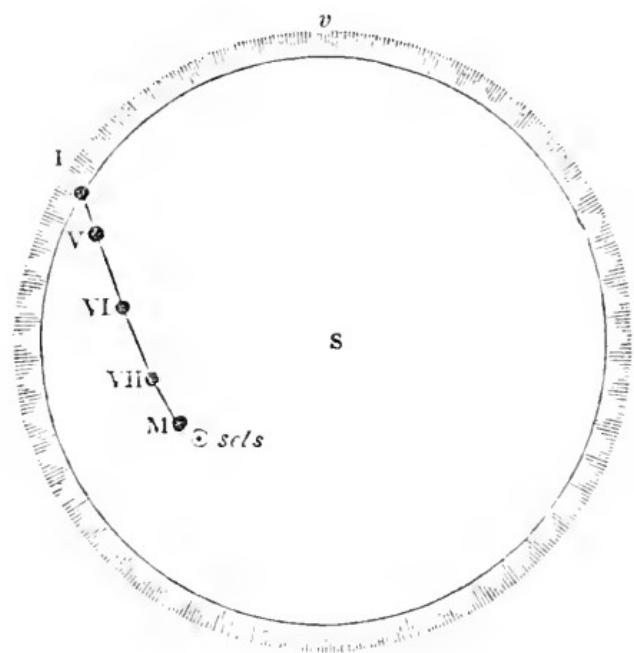
May 8th, 1845.	Mean or Clock Time.	Positions.
First contact of limbs	4 18 58° 5' 39"	are from the Sun's vertex
Sun's centre sets - -	7 32	towards the left-hand.
Middle of the Transit	7 34 9' 12·9"	distance of Mercury's cen-
Last contact of limbs	10 50	tre from the Sun's centre.

The duration of the whole Transit will be 6h. 31m. 43s.; semidiameter of the Sun = 15' 51·3", and that of Mercury = 5·8".

In the following Type I is the place of the Sun's periphery, where the centre of Mercury enters, which is a trifle further from *v* (the Sun's vertex) than where the first contact of the limbs takes place, but the difference is not worth notice. *V* represents the planet on the solar disc at 5 o'clock; *VI* at six, and *VII* at seven o'clock. *M* the middle, or nearest approach of Mercury to the Sun's centre (*S*). Other matters explain themselves.

Let me advise my Readers not to look at the Sun without the interposition of a dark glass, or a piece of clear window-glass smoked on one side over the flame of a candle; for those who neglect this precaution may have to regret their temerity. Let this advice also be attended to in viewing the Eclipse of the Sun.

The transit may be very agreeably shown by receiving the Sun's image, as transmitted by a telescope upon a sheet of writing paper held a few inches from the eye-end of the same; and by regulating the focal distance accordingly, you will then



see the planet very distinctly. This method is very convenient when a company wish to see the phenomenon, and is preferable to looking through the telescope, as in that case a change of adjustment is often necessary.

This Transit will be visible, for a greater or less time, to a large portion of the Earth's surface. The Ingress will be visible in *Great Britain and Ireland, Norway, Sweden, Russia, Germany, France, Italy, Portugal, Spain, north-western part of Africa, and North and South America*. The egress will be seen in *North America, the north-eastern extremity of South America, Australia, the Chinese Empire, Kamtschatka, and Siberia*.

At the time of ingress the Sun will be vertical in the *Caribbean Sea*, near *Porto Rico*, in the *West Indies*, lat. $17^{\circ} 17'$ N., and long. $65^{\circ} 41'$ E.; and at the egress it will occupy the zenith of lat. $17^{\circ} 21'$ N., long. $163^{\circ} 38'$ W., which falls in the *Pacific Ocean*, not very far from the *Sandwich Islands*.

♀. MERCURY will be visible in the evenings about the 1st of *January*, appearing below the planet *Saturn*; also about the 27th of *September*. He may also be seen after sun-set on or near the 17th of *April*, and *December* 10th. He will appear in the mornings, near the eastern horizon, about an hour before sun-rise, during the last week of *September*.

♀. VENUS will be splendid in the mornings of *January*, and in the evenings of *November* and *December*; especially those of the latter month.

♂. MARS will appear in the mornings from the beginning of the year to the end of *July*. In the month of *August*, being near the earth, he will appear large, and like a flame of fire, in the

southern part of the heavens at midnight. From this time to the end of the year *Mars* may be seen every clear evening.

4. JUPITER will appear brilliant in the evenings of *January*, and continue visible after sun-set until the beginning of *March*. He will be bright in the mornings of *July* and *August*, and throughout the nights of *September* and *October*, when his belts and satellites may be seen to advantage by those who are in possession of good telescopes. *Jupiter* will gild the evenings with his bright beams throughout the months of *November* and *December*. — In tracing the history of this planet to remote antiquity, it is supposed to be the heavenly body dedicated to *Ham*, on his deification, this name bearing the same signification with that in the Greek for the king of the gods. By the Hebrews it was called *Gad*, also *Khokhabzedec*, star of Justice, and probably consecrated to *Mcchisedec*, whose name signifies a righteous king; it was also known among the ancient people by the denomination of *Mazal*, and its influence supposed to be very great in promoting fruitfulness. *Jupiter* was called by the Egyptians the star of *Osiris*; among the three hundred deities of this name, recognised by the Grecian mythology, that appropriated to this planet, was *Phaëton*, or brightness. The Chinese name for this planet is *Mo*, wood, and *Cui*, a year.

5. SATURN will be visible in the evenings of the first week of *January*; in the mornings of *May*, *June*, and *July*; and in the evenings from thence to the end of the year:—he will be in conjunction with *Mars* on the 2d of *June*. These two planets will continue within 13 degrees of each other till *October*; in the middle of *September* they will be only 7 degrees apart.

III. URANUS will be in opposition with the Sun on the 1st of *October*, and from that time to the end of the year will be favourably situated for telescopic vision. On the 31st of *December* he will be within a degree of *Mars*; so that a telescope which has a large field of view will exhibit both the planets at once. This, I know, will be interesting to those of my readers who are fond of astronomy, but never saw this distant orb of our system.

METEOROLOGICAL OBSERVATIONS, ETC.

*Relating to the Year 1843; with some Remarks on the
BAROMETER, THERMOMETER, ETC.*

COURTEOUS READER:

In addition to the monthly depth of rain for 1843, I here offer some remarks on the weather of that year; for it is by looking on what is past that we are assisted by experience in judging of the future; and it would be better if more strict observers could be found than even at present exist, though their number of late has been considerably increased. I, moreover, give these remarks

to show how far the weather agreed with what I had predicted for the same year ; and I trust that my countrymen will find some truth in my annual predictions by carefully comparing them with the said remarks, and that this will be accepted as an apology for occupying so much space upon the past.

The following observations are from a correct journal, kept at *Thwaite* in *Suffolk*.

JANUARY was very mild and stormy, with some thunder, during the former half, in many places. On the 13th a tremendous gale from S.E., and S.W., and the barometer lower than for 21 years past. At this place it was at 28.33 inches, but at *Uckfield, Sussex*, 27.94 ! Very little frost all the month. The thermometer on the 28th was up to $56\frac{1}{2}$ ° ! FEBRUARY, from the 3d to the 19th, was attended with seasonable winter weather. Much snow from the 3d to the 7th, and on the 14th, 15th, and 18th. The thermometer on the 15th was down to 18°. the close of the month was stormy and unsettled. MARCH, to the 10th, very cold, and heavy snow on the first four days. The middle of the month bright and very warm, and the thermometer 66° on the 18th : very bright, with parching easterly winds to the end. APRIL, during the first week, was showery and warm ; but the second week was cold, with heavy snow and hail on the 13th day. After the 14th very fine, bright, and pleasant to the end. Thermometer 76° on the 20th, and some thunder on that day. MAY was mostly very rainy ; and on the 27th and 28th violent storms of thunder, lightning, and hail. JUNE was showery to the 13th, after which no more rain fell at *Thwaite* to the end. Some very bright weather about the 16th, 17th, and 27th, with cooling breezes. A fine hay-time in these parts. JULY was chiefly very hot and sultry to the 19th, and on the 5th the heat was excessive. The thermometer at noon, out of doors in the shade, was at 90° ! on the 17th it was 80° ; but after the 20th, unsettled with showers to the end. AUGUST was remarkable for awful thunder-storms, and great hail, to the destruction of much property in many parts of England ; the chief of which occurred on the 3d, 4th, 9th, 15th, and 20th ; and on the 8th, 9th, 15th, 16th, 17th, 18th, and 19th, the heat was exceedingly great. Thermometer from 81° to 86° in the shade. A great and sudden rain on the 24th, equalling two inches in depth,—then again sultry to the end. SEPTEMBER, from its commencement to the 24th was most splendid, with constant brightness and excessive heat. The thermometer for eight days rose above 80° ! The heat at *Thwaite* was the greatest on the 16th, 17th, and 18th ; but at *Uckfield* on the 1st, when it was 90° ! At *Thwaite* 85° on the 16th in the shade, but in the sun 133° . The last week was stormy and suddenly cold. An alarming thunder-storm at *Ipswich* on the 10th at noon, with great darkness and a deluge of rain, but the month was very dry on the whole. OCTOBER was warm and pleasant at the beginning, for some days : the thermo-

meter was at 71° on the 1st. After the 7th generally rainy, with some cold frosty nights at times. NOVEMBER was showery and mild to the 25th; then fine, with a high barometer. DECEMBER was a most notable month for dryness, mildness, and constant high state of the barometer, throughout. No rain fell except on the 16th, and very little frost all the month. Note.—The coldest day this year was the 15th of February, and the hottest, July 5th; but the 19th of August and the 16th of September, were comparatively nearly as hot.

To the preceding I shall now add a few remarks taken from correct meteorological journals kept at Greenwich in Kent, and Epping in Essex. 1st. Greenwich. January 13th, in the morning thunder: Barometer at its minimum at 1 P.M.= $28\cdot18$ inches! On the 28th, the Thermometer reached 56° . February 3d, 18th, and 26th, heavy snow. April 13th, morning very snowy: on the 22d, thunder with hail. May 6th, snow and rain; thermometer at 1 P.M. at 39° ! 29th, thunder-and hail: on the morning of the 30th, a hoar frost. July 5th, the thermometer reached 88° ! Many thunder-storms in August: on the night of the 23d, 2·67 inches of rain fell at Greenwich, while at Darlington the night was fair throughout. September was very warm and clear; the mean temperature for the first 20 days was 65° ! October was cold and wet. December was very warm and dry: temperature on the 23d, 55° . 2d. Epping. The month of January was remarkable for the very low state of the barometer, especially on the 13th, at about $1\frac{1}{2}$ P.M., when its minimum altitude was $27\cdot836$, its temperature 42° , and that of the external air 41° ; the wind was S.S.W., and very strong. The Barometer has not been so low since December, 1821. In February, some very sharp frosts: the thermometer was two or three times at 14° or 18° below the freezing point. Taking the mean temperature of each month for the last 23 years as a general mean, it appears that January 1843 was greater than the general mean by 103° : on the contrary, February was less than the general mean by 72° . March, greater by 7° . April greater by 39° . May less by 21° ; and June less by 60° . July greater by 2° . August greater by 63° . September greater by 111° : this month proved very warm. On the contrary, October was colder than the general mean by 85° . November was $1\frac{1}{2}^{\circ}$ warmer; but December exceeded the general mean by 114° !—This was an extraordinary elevation of temperature for this month. The 5th of July was very warm and dry at Epping, the thermometer at 1 P.M. nearly 90° ! There also were some warm days in September, the temperature sometimes ranging between 70° and 80° in the shade. December 24th, maximum temperature in the shade 53° ; in the sun 60° ,—this was a mild and pleasant day. Note.—On November 18th a thunder-shower with hail.

Judicium Astrologicum, pro Anno 1845.

*VOX CÆLORUM, VOX DEI: The Voice of the Heavens
is the Voice of God. He speaketh in all the Changes of the
Seasons and of the Times.*

COURTEOUS READER,

In this my annual production, I have a long time sounded the above important truth in your ears, and I trust not in vain. It is, however, to be lamented that there is a great deal of infidelity upon the face of the earth, and even no small portion thereof cleaves to the skirts of Britannia, notwithstanding the light and knowledge she possesses! That wonder-working Hand, which placed each mighty orb, either as a sun in the centre of numerous planets, or as a revolving world, peopled with beings of various orders and intelligences, is clearly manifest in our earth in the changes of seasons, of day and night, of rain and fair weather, &c., by which provision is made for man and beast, and seed-time and harvest continue. Let those who are disposed to deny the existence of Divine Providence reflect on these words of Holy Writ, respecting the lower orders of creatures, "Not a sparrow falleth to the ground without the notice of your heavenly Father." And respecting the children of men, consider these expressions, "The very hairs of your head are all numbered." Besides this there is a retributive providence in operation, and which will be seen and acknowledged in numerous instances during the revolution of this year, as it has been made known in all ages of the world, in empires, kingdoms, nations, families, and individuals, that mankind, singly or collectively, may see and perform their duty to one another, and also see that it is an evil and bitter thing to sin against God. A man may plot an injury against another, but he will not come off *scot-free* himself: he may in the haughtiness of his mind think that the object of his wrath and cruelty is a worthless and insignificant creature; not so, in HIS eye, who is God over all, and of one flesh and blood made all mankind that dwell upon the earth:—

" All are but parts of one stupendous whole,
Whose body nature is, and God the soul :
That chang'd through all, and yet in all the same,
Great in the earth as in th' ethereal flame ;
Warms in the sun, refreshes in the breeze,
Glows in the stars, and blossoms in the trees.
Lives through all life, extends through all extent,
Spreads undivided, operates unspent ;
Breathes in our soul, informs our mortal part,
As full as perfect in a hair, as heart ;
As full as perfect in vile man that mourns,
As the rapt Seraph that adores and burns :
To HIM no high, no low, no great, no small,
He fills, he bounds, connects, and equals all."

Respecting Divine Retribution, I would add a word or two more, because I know it is a subject too much overlooked in our day. Read carefully 2 Samuel, chap. 11 and 12, and also the

16th chapter of the same book. David was well convinced of this truth, when he said, with regard to Shimei, "Let him curse, for the Lord hath said unto him, curse David."

" Pure from the blood of Saul, in vain
He dares not to the charge reply ;
Uriah's doth the charge maintain,
Uriah's doth against him cry :
Let Shimei curse, the rod he bears
For crimes which mercy had forgiven ;
And in the wrongs of men reveres
The awful righteousness of Heaven."

My limits forbid further observations of this kind ; but I wish you to keep in mind the foregoing remarks, and look out for the unravelling of the Hieroglyphic before you.

THE HIEROGLYPHIC.



Astrological Judgment of the Four Quarters of the Year, 1845.

Of the WINTER QUARTER called the Brumal Ingress.

Notwithstanding the sun is *three millions of miles* nearer the earth at this ingress than on the longest day, yet the great obliquity of his rays at this season of the year, in our northern latitude, has a much greater effect in diminishing his caloric power than his nearness has of increasing it ; hence the cold in winter must prevail. But more immediately to the subject in hand :—I find that this quarter begins on *Saturday, December 21st, 1844*, at 4h. 31m. P.M., when 10° of S is ascending upon the angle of life, and 6° of X is enthroned upon that of honour.

At the same time all the planets are direct; \mathcal{U} and H are located in the 10th mundane house of heaven; the Moon is near the cusp of the 12th; φ and \mathcal{J} are in the 5th, \odot in the 6th, φ in the 7th, and old saturn in the 8th, in \times to H . \mathcal{U} is dignified on the mid-heaven in \mathbb{X} , beholding φ with a friendly Δ , and in \times with \mathcal{J} . These latter aspects and positions are good; and I hope will prevail over those of an opposite nature. Our Parliament assembled this quarter will have plenty of work, and be almost at their wits' end how to act; but I trust they will ultimately hit upon something which will prove a benefit to the nation. \mathcal{U} traversing over Υ , the ascendant of England, during the latter part of this quarter is a favourable omen to us. In *France* much uneasiness prevails: Louis Philippe is not a general favourite. If he would take my advice, he would notice what way the wind blows, and in his political voyage sail accordingly. The day is gone by, especially in civilised states, for kings to govern with a rod of iron. The *Porte* is doing this in a conspicuous way at *Constantinople* about this time. My readers will recollect the sudden and arbitrary measures pursued in that tottering state last year:—and though our government may wish to keep the Mahometan despot on his throne, nevertheless his final overthrow may ere long be expected; when a better form of government will be established in that empire, more in unison with the laws and institutions of well-governed Christian states.]

Of the VERNAL or SPRING Quarter of 1845.

This quarter begins when the sun arrives at the first point of Υ , which, according to astronomical computation, happens this year on *Thursday the 20th of March* at 44 min. past 5 in the afternoon; when the twelve mundane divisions of heaven, with the positions of the planets, and some of the most noted fixed stars therein, will be found to agree with the following scheme.

The reader, in looking over the figure, will at once see the various positions at this ingress, therefore I need not enumerate them; but, however, I may observe that the zodiacal aspects are $\mathcal{O}\odot\varphi$; $\square\mathcal{J}H$; $\circ\varphi H$; $\mathcal{J}\mathcal{D}\mathcal{L}$, and \mathcal{D} fast approaching the Δ of \mathcal{J} . *Mercury*, being lord of the ascendant, I expect this will prove a very busy quarter. Contrivances for accelerating despatches to our nation will be brought about: new facilities will be given to the post-office department: fresh rail-roads will be begun and others completed. Judging from the general view of the multiplicity of aspects that will take place during these three months, I am led to think that trade and commerce will revive, and give to the industrious merchant additional gains in his enterprising pursuits. *Jupiter*, towards the end of this quarter, passes over to the ascendant of *Ireland*, and will benefit that country, which, I hope, is on the eve of experiencing a better

SCHEMA CÆLI.



state of things. Could we suppose the short visit of the Czar of Russia to this country would have the effect of softening his heart, then we might expect, or hope, that in future he would treat the poor Poles as human beings; but we fear that little is to be expected on that score.

Of the ESTIVAL or SUMMER Quarter.

This delightful quarter of the year begins on *Saturday* the 21st of June, at 2h. 42m. P.M.; at the same time it will be found that 8° of ♈ will be on the *Imum Caeci*, and 28° of ♉ on the horoscope. The Moon is in the 3rd house, ♂ and ♀ are in the 4th, and within orbs of their late direful ☎. ♊ is near the cusp of the 6th; ♋ in the 7th house, ♌ in the 8th, and lastly ♍ et ☽ are in the 9th. There does not appear to be any very striking planetary aspects at the time of this ingress; nevertheless, before the quarter is half over, many important configurations will transpire, that will affect both our own nation and those that surround us. ♂ will be in ♈ to ☽, and also at his least distance from our planet, in *August*; when we may expect to hear of wars and rumours of war abroad; and at home, malignant fevers, sudden death, murders, and the like, as well as dreadful fires, and loss of property, both by land and water, together with great evolutions in some kingdoms and states. Let the Emperor of *Austria*, who considers himself responsible by law to no one, take care lest, by continuing to issue despotic laws, he may

ultimately find that he has gone too far in his egregious insults with respect to the consciences of his better subjects, and repent when it is too late. Why is no Catholic subject in his dominions allowed to embrace the Protestant religion without permission from him or his government? Is this doing to others as we wish they should do unto us? — *Spain* continues to be oppressed by her blood-thirsty rulers; but she will, in the end, turn the tables upon her tormentors, as it is not possible to suppose that the *Spaniards* will long endure the joint and accumulated evils of political and religious tyranny.

Of the AUTUMN Quarter.

Calculation informs us that this year the earth will enter the first point of Υ , and the Sun that of Σ , on *Tuesday* the 23rd of *September*, at 4h. 53m. A. M.; when we shall have $19^{\circ} 40'$ of mp on the eastern angle, and $16^{\circ} 30'$ of Π on the *Medium Cæli*. The most important positions or aspects at this ingress are, ♀ in the 2nd house within orbs of an \mathcal{S} to \mathcal{Y} in the 8th; and \mathcal{S} et \mathcal{L} still within orbs of their \mathcal{O} , and posited in the 5th house, by which we judge concerning the success of messengers, ambassadors, or plenipotentiaries, or respecting the ammunition or internal strength of a place besieged, &c: and as we have the two malific planets in this house in m , we shall most probably hear of some disagreeable or uncalled-for war or disturbance in *Russia* and *Denmark*; and perhaps in *Lower Sweden* something unpleasant may occur. I hope, however, *England* will steer clear in this respect, and stand aloof from war, that bane of nations! — Ah! what has been the result of our *American* and *French* wars? why an enormous debt, the interest of which cripples industry, and will in the end bring much trouble and distress upon the nation. Again, what have we obtained by our late marauding expedition in *Affghanistan*? which is said to have cost fifteen millions sterling, and the sacrifice of thirteen thousand lives! and what—reader—do you suppose was the most prominent trophy? why—truly—**A PAIR OF OLD GATES!!!**—See my Hieroglyphic for 1844.

I am afraid that, ere this season terminates, the poor will have much to contend with both from sickness and distress. O ye rich and great ones, in our land! the Almighty has given *you* the opportunity of doing good, and, as stewards of *his* bounty, you ought to dispense his blessings, according to *his* directions: and if I can read the signs of the times, I trust you are attending to your duty, from a conscious sense of your true position, as links in the wonderful chain of Providence. Ye poor, pursue the paths of sobriety and industry; and accept with gratitude every favour of Heaven, and you shall surely see better days.

F I N I S.

OR, A LOYAL

FOR THE YEAR OF HUMAN REDEMPTION

BEING THE SECOND AFTER BISSEXTILE; AND THE TENTH
OF THE REIGN OF HER PRESENT MAJESTY:

CONTAINING

THE EQUATION OF TIME FOR SETTING CLOCKS AND WATCHES; THE RISING AND
SETTING OF THE PLANETS; OCCULTATIONS; MUTUAL ASPECTS, ETC.

A Correct Tide Table;

A TABLE OF KINGS' AND QUEENS' REIGNS;

WITH ASTROLOGICAL OBSERVATIONS ON THE FOUR QUARTERS OF
THE YEAR; AND

A HIEROGLYPHIC ADAPTED TO THE TIMES:

TO WHICH ARE NOW FIRST ADDED,
VARIOUS USEFUL INFORMATION, TABLES, RECIPES, &c.

4



LONDON:

BY C. BALDWIN, NEW BRIDGE-STREET, BLACKFRIARS;
AND SOLD BY GEORGE GREENHILL, AT THEIR HALL,
LUDGATE-STREET.

PRICE SIXPENCE, STITCHED.

AWAKE ! my Muse, once more, and tune thy string,
That I may of the various seasons sing :
Now, stormy Winter reigns,—the sullen king
Does from his icy throne fierce tempests fling :
The piercing winds from northern regions blow,
The frozen ground is covered o'er with snow.

M W		\odot		V's	D rises
D D		v		A	& sets.
1 Th		11	feet	4	9 a 14 \odot in per. δ in \varnothing
2 F Day br. 6	2	12	and	5	10 32 δ δ H
3 S h sets 7	3 aft.	13	toes	6	11 46 * y φ
4		14	head	7	morn. The year
5 M		15	face	8	0 59 * φ y
6 Tu	12th Day	16	neck	9	2 9 comes in mild
7 W		17	throat	10	3 17 y stationary.
8 Th <i>Lucian</i>		18	arms	11	4 18 φ in \varnothing
9 F Twi. ends 6	13	19	and	12	5 14 Cold winds,
10 S y sets 1	42 mo.	20	should.	13	6 5 with snow
11		Hil. T. beg.		14	6 48 or rain, may
12 M <i>Plough Monday</i>		22	stom.	F	rises at this time
13 Tt <i>Hilary: Camb. Term begins</i>		16		5 a 47	be expected.
14 W <i>Oxford Term beg.</i>	24	and		17	6 49 Fair, with
15 Th Day incr. 0	32	25	back	18	7 52 hoar frosts
16 F δ sets 11	53 aft.	26	bowels	19	8 57 Δ y y
17 S <i>[Prisca: O. 12 D.</i>	27	belly		20	10 3 beautifying
18		28	reins	21	11 10 y elong. max.
19 M φ sets 8	33 aft.	29	and	22	morn. the hedges
20 Tu <i>Fabian</i>		w	loins	23	0 18 and trees.
21 W <i>Agnes</i>		1	Scorpio	24	1 28 \square y H ; * δ h
22 Th <i>Vincent</i>		2	domin.	25	2 39 \square \odot y
23 F Day 8	37 long	3	hips	26	3 47 Rain or snow
24 S		4	thighs	27	4 52 about this
25		5	knees	28	5 50 time.
26 M φ rises 6	39 mo.	6	hams	29	6 38 φ at great. brill.
27 Tt		7	legs	N	sets y in \varnothing ; * \odot H
28 W Night 15	8 long	8	ancles	1	6 a 44 Some sharp
29 Th		9	feet	2	8 6 * y φ
30 F		10	toes	3	9 25 frosts at
31 S <i>Hilary Term ends</i>	11	head		4	10 42 the end.

Mean obliquity of the Ecliptic, Jan. 1st, $23^{\circ} 27' 34''$.—Jan. 1st, 3d of Tebet;
8th, 10th of Tebet, Fast, Siege of Jerusalem; 28th, 1st of Sebat.

The 1 day, at 6^h 29^m morn. Venus
 The 4 day, at 4 1 morn. Mars
 The 5 day, at 10 2 aftern. Jupiter } is in
 The 25 day, at 6 25 aftern. Mercury } ecliptic
 The 28 day, at 5 14 morn. Saturn } conjunction
 The 30 day, at 2 5 morn. Venus } with the
 Moon.

M	D	Moon	
		South.	
h.	m.	h.	m.
1 8	9 3 59	3 a 29	THE depth of Rain in Jan. 1844, at
2 8	8 4 0	4 20	Ackworth, was 1.520 inch.; Devonport,
3 8	8 4 1	5 10	2.733; Eppingham, 1.270; Epping,
D 8	8 4 2	5 59	
5 8	8 4 4	6 47	2.451; Greenwich, 3.190; Retford,
6 8	7 4 5	7 36	1.120; Settle, 3.240; Thwaite, 1.50.
7 8	7 4 6	8 24	PLUVIAL ANTICIPATIONS.
8 8	7 4 7	9 13	JUDGING from the influences of the
9 8	6 4 9	10 2	celestial orbs, especially those of the
10 8	6 4 10	10 51	Sun and our own satellite the Moon,
D 8	5 4 12	11 39	as regards the pluvial state of our
12 8	4 4 13	morn.	
13 8	4 4 15	0 25	atmosphere, we may expect rain or
14 8	3 4 16	1 10	snow, according to the temperature of
15 8	2 4 18	1 53	the air, on or about the 8th, 13th, 24th,
16 8	1 4 19	2 36	and 28th days of this month, the day
17 8	0 4 21	3 19	before or the day after. In choosing a
D 7	5 9 4	22 4	barometer, let it be one with a pretty
19 7	5 8 4	24 4	large bore, say 3-10ths of an inch.
20 7	5 7 4	26 5	
21 7	5 6 4	27 6	
22 7	5 5 4	29 7	15 THIS year I present my readers with
23 7	5 4 4	31 8	the monthly depth of Rain, as taken
24 7	5 2 4	33 9	at or near the surface of the ground,
D 7	5 1 4	34 10	in 1844, at Ackworth, Yorkshire; De-
26 7	5 0 4	36 11	vonport, Devonshire; Eppingham,
27 7	4 9 4	38 0	
28 7	4 7 4	40 1	12 Rutlandshire; Epping, Essex; Green-
29 7	4 6 4	41 2	wich, Kent; Retford, Nottingham-
30 7	4 4 4	43 3	shire; Settle, Yorkshire; and Thwaite,
31 7	4 3 4	45 3	Suffolk.

① in apogee, 13th day; perigee, 27th day.
 ○'s semidiam. 1st day, 16' 17"; 11th, 16' 17"; 21st, 16' 16".

WHILE this inclement season lasts, the mind
 That is to meditation much inclined,
 Will in surrounding objects something find,
 Exhibiting the great Creator kind :
 Snow, lying long, then melting on the plain,
 Mellows the earth, prepares it for the grain.

M	W		\odot	J's	\oplus rises	
D	D		≡	A	& sets.	
1			o		h. m.	
2 M			13 face	5 11 a 54	Roughwinds	
3 Tu	Blase		13 neck	6 morn.	with hasty	
4 W	Day br. 5 40		14 throat	7 1 4	showers of	
5 Th	Agatha		15 arms	8 2 9	snow or	
6 F			16 and	9 3 8	cold rain.	
7 S	h sets 5 8 aft.		17 should.	10 4 1 2	in aphelion.	
8			18 breast	11 4 47 ♀ stat.	$\square \ddagger \delta$	
9 M	Twi. ends 6 57		19 and	12 5 25	Now dry	
10 Tu			20 stom.	13 5 57	and frosty.	
11 W			21 heart	14 6 25 \odot h:	$\square \ddagger \gamma$	
12 Th	♀ sets 11 48 aft.		22 back	F rises	[? in perihelion]	
13 F	♂ sets 11 47 aft.		23 bowels	16 6 a 49 * ♀ H		
14 S	Valentine: Old Candlemas		24 belly	17 7 54	Gloomy with	
15			25 and	18 9 0	downfall,	
16 M			26 loins	19 10 8 δ ♀		
17 Tu	Day incr. 2 20		27 Scorpio	20 11 16	and that	
18 W	♀ sets 7 29 aft.		28 domin.	21 morn.	most likely	
19 Th	♀ rises 6 59 mo.		29 hips	22 0 25	will be	
20 F			30 thighs	23 1 32	snow.	
21 S	Day 10 19 long		31 knees	24 2 37	Blustering	
22			Camb. T. div. n.			
23 M			32 legs	25 4 27	weather for	
24 Tu			33 feet	26 5 10	a few days.	
25 W			34 toes	27 5 47	Frosty and	
26 Th	Night 13 22 long		35 head	28 N sets	* \odot ♀	
27 F			36 and	1 6 a 54	fair about	
28 S			37	2 8 14	this time.	

JUPITER, ♃, will be an *Evening Star* until May 14th: then a *Morning Star* until December 3d; and afterwards an *Evening Star*.

Moon's ascending node. ♈, Jan. 1st, $13^{\circ} 32'$; Dec. 31st, $24^{\circ} \cong 15'$.
 Feb. 1st, 5th of Sebat; 27th, 1st of Adar.

The 1 day, at 9^h 10^m aftern. Mars } is in
 The 2 day, at 9 2 morn. Jupiter } ecliptic
 The 24 day, at 9 47 aftern. Saturn } conjunction
 The 25 day, at 7 2 morn. Mercury } with the
 The 26 day, at 8 10 morn. Venus } Moon.

M			Moon	
D	h.	m.	h.	m.
D	7	41	4	47
	4	47	4	a 42
2	7	40	4	49
	5	31		
3	7	38	4	50
	6	21		
4	7	37	4	52
	7	10	3	427 ; Empingham, 2.250 ; Epping,
5	7	35	4	54
	7	59	3	287 ; Greenwich, 2.888 ; Retford,
6	7	33	4	56
	8	48	1	050 ; Settle, 3.520 ; Thwaite, 1.69.
7	7	31	4	58
	9	36		Rain, snow, or sleet, more or less
D	7	30	5	010
	22			in quantity, may be expected about
9	7	28	5	111
	7			the 1st, 5th, 10th, 15th, and 21st of
10	7	26	5	311
	52			this month.
11	7	24	5	5 morn.
12	7	22	5	7 0 35
13	7	21	5	9 1 18
14	7	19	5	10 2 1
D	7	17	5	12 2 45
16	7	15	5	14 3 30
17	7	13	5	16 4 18
18	7	11	5	18 5 8
19	7	9	5	20 6 2
20	7	7	5	22 6 58
21	7	5	5	23 7 56
D	7	3	5	25 8 56
23	7	1	5	27 9 55
24	6	58	5	29 10 53
25	6	56	5	31 11 50
26	6	54	5	32 0 a 44
27	6	52	5	34 1 38
28	6	50	5	36 2 30

Astrological Observations and Predictions relating to Mundane Affairs.

COURTEOUS READER—The old year having gone the way of its predecessors, we now enter upon that of 1846, and let us hope that, through the

VENUS, ♀, will be an *Evening Star* until March 2d; then a *Morning Star* until December 15; and afterwards an *Evening Star* into the next year. Greatest brightness about January 26 and April 7.

⊕ in apogee, 9th day; perigee, 24th day.
 ⊖'s semidiam. 1st day, 16° 15''; 11th, 16° 13''; 21st, 16° 11''.

TIME brings variety ;—the ice-clad sire
 Leaves Albion's shores, with frosts and tempests dire ;
 On Zephyr's wings fair Spring in rich attire
 Is borne along,—her beauties we admire :
 To northern climes her varied charms displays,
 And three months in our isle her sceptre sways.

M	W		○		v's	D	rises	
D	D		X		A	&	sets.	
1			o			h.	m.	
2	M	<i>Chad:</i> Least twi.	12 neck	5	11	55	6 inf. ♀ ⊖	
3	Tu	Day br. 4 51	13 throat	6	morn.	6 ♀ ♀		
4	W		14 arms	7	0	57	Now fair	
5	Th		15 should.	8	1	53	and mild.	
6	F	h rises 6 5 mo.	16 breast	9	2	42	3 sup. ♀ ⊖	
7	S	<i>Perpetua</i>	17 and	10	3	23	* ♀ ♂	
8			18 stom.	11	3	58	* ♀ ♀	
9	M	[<i>Old St. Matthias</i>	19 heart	12	4	28	Stormy with	
10	Tu	♀ sets 10 32 aft.	20 back	13	4	54	rain or	
11	W	Twi. ends 7 48	21 bowels	14	5	19	snow.	
12	Th	<i>Gregory</i>	22 and	15	5	42	* ⊖ ♂	
13	F	♂ sets 11 43 aft.	23 belly	F	rises	Fair a few		
14	S	Day incr. 3 57	24 reins	17	7 a	58 days, after-		
15			25 loins	18	9	7 wards look		
16	M		26 Scorpio	19	10	16	for squalls,	
17	Th	<i>St. Patrick</i>	27 domin.	20	11	24	♀ in ♀	
18	W	<i>Edw. K. W. Sax.</i>	28 hips	21	morn.	6 ♀ ♀; □ ♂ h		
19	Th	♀ rises 4 41 mor.	29 and	22	0	28	with rain or	
20	F	Equal day & night	♂ thighs	23	1	28	snow.	
21	S	<i>Benedict</i>	1 knees	24	2	20	♀ stationary.	
22			1 hams	25	3	5 ♀	in perihelion.	
23	M		2 legs	26	3	43	Rather un-	
24	Th	♀ sets 7 56 aft.	3 ankles	27	4	15	settled wea-	
25	W		4 feet	28	4	45	ther from	
26	Th		5 toes	29	5	13	about this	
27	F	Day 12 33 long	6 head	N	sets	time to the		
28	S		7 face	1	8 a	20 end.		
29			8 neck	2	9	34	* ♀ h	
30	M	♀ vis. in evenings	9 throat	3	10	41		
31	Tu	Night 11 12 long	10 arms	4	11	41	3 ⊖ ♀; ♀ el. max.	

March 1st, 3d of Adar; 11th, 13th of Adar, Fast of Esther; 12th, 14th of Adar, Purim; 13th, 15th of Adar, 2d day; 28th, 1st of Nisan.

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The 2 day, at 1^h 36^m morn. Jupiter
 The 2 day, at 3 32 aftern. Mars } is in
 The 24 day, at 0 13 aftern. Saturn } ecliptic
 The 25 day, at 1 1 morn. Venus } conjunction
 The 28 day, at 3 41 aftern. Mercury } with the
 The 29 day, at 9 29 aftern. Jupiter } Moon.
 The 31 day, at 11 32 morn. Mars.

M			Moon	
D			South.	
h.	m.	h.	m.	
D 6 48	5 38	3 a 21		<i>The depth of Rain in March 1844,</i>
26 46	5 39	4 13		<i>at Ackworth, was 1·770 inch.; Devon-</i>
36 43	5 41	5 3		<i>port, 3·474; Empingham, 2·100; Ep-</i>
46 41	5 43	5 54		<i>ping, 2·206; Greenwich, 3·048; Ret-</i>
56 39	5 45	6 43		<i>ford, 1·750; Settle, 4·520; Thwaite, 2·31.</i>
66 37	5 46	7 31		Rain, snow, or sleet, may be looked
76 35	5 48	8 18		for on or about the 8th, 13th, 18th,
D 6 33	5 50	9 4		24th, and 29th of this month.
96 30	5 51	9 49		
106 28	5 53	10 32		times be much clouded, yet it is
116 26	5 55	11 16		to be hoped that the benign influ-
126 23	5 57	11 59		ence of the more propitious con-
136 21	5 58	morn.		
146 19	6 0	0 43		figurations will so far prevail as to
D 6 17	6 2	1 29		expel the gloom, and give us
166 14	6 4	2 16		brighter days. Be it remembered
176 12	6 5	3 6		that though the influences of the
186 10	6 7	3 58		stars may sometimes incline to evil,
196 8	6 9	4 52		yet I maintain, from Scriptural
206 5	6 10	5 49		
216 3	6 12	6 46		authority, that a rational, immortal,
D 6 1	6 14	7 43		and immaterial principle is im-
235 58	6 15	8 40		planted in man by the omnipotent
245 56	6 17	9 35		Author of the universe, or in other
255 54	6 19	10 29		words, "there is a spirit in man,
265 51	6 20	11 22		and the Lord giveth it understand-
275 49	6 22	0 a 15		
285 47	6 24	1 7		ing,"—a capacity of apprehending
D 5 45	6 25	2 0		objects and judging concerning
305 42	6 27	2 52		them; and a conscience approving of
315 40	6 29	3 44		virtue

⊕ in apogee, 8th day: perigee, 24th day.
 ☽'s semidiam. 1st day, 16' 9"; 11th, 16' 7"; 21st, 16' 4".

THE farmer views with joy the budding trees,
And flowers, whose fragrance mixes with the breeze ;
Around the hive surveys the busy bees,
And in the fields the growing wheat and peas :
Beholds, when Sol descends below the west,
Bright Jupiter and Mars in ruddy vest.

M D	W D		⊕ ♈		♂'s A	♀ rises & sets.	
1 W		☿ rises 4 28 mo.	○	11 and	5	morn.	Bright sun-
2 Th		Day br. 3 34	♉	12 should.	6	0 34	ny days,
3 F		<i>Cam T. ends: Rich. Bp. Chich.</i>		7 1 18		with frosty	
4 S		<i>Oxf. T. ends: St. Ambrose</i>		8 1 57		mornings.	
5				15 heart	9 2 29	□ ♀ ♂	
6 M		<i>Old Lady Day</i>	♊	16 and	10 2 57	Weather	
7 Tu		♀ sets 9 15 aft.	♋	17 back	11 3 21	♀ at greatest	
8 W		♂ sets 11 36 aft.	♌	18 bowels	12 3 44	[brilliancy.]	
9 Th		<i>Maundy Thursd.</i>		19 belly	13 4 7	♀ stationary.	
10 F				20 reins	14 4 30	still fair.	
11 S		Twi. ends 8 54		21 loins	F	rises *	♂ ☽
12				22 Scor-	16 8 a 4	Expect now	
13 M				23 pio	17 9 14	some cold	
14 Tu				24 domin.	18 10 20	weather,	
15 W		<i>Easter Term beg.</i>		25 hips	19 11 22	with show-	
16 Th		♀ rises 3 40 mo.		26 thighs	20 morn.	ers of rain	
17 F		Day incr. 6 11		27 knees	21 0 16	mixed with	
18 S		♂ sets 7 13 aft.		28 hams	22 1 4	snow or sleet.	
19				<i>Alphege</i>	23 1 43	♂ inf. ♀ ○	
20 M				♂ ankles	24 2 16	* ○ h : * ♀ h	
21 Tu		Day 14 10 long		1 feet	25 2 46	Thunder,	
22 W		<i>Oxf. & Camb. T.b.</i>		2 toes	26 3 13	with hail.	
23 Th		St. George		3 head	27 3 39	* ♀ ♄	
24 F				face	28 4 6	□ ♀ ♂ [sed vis.	
25 S				5 neck	N	♀ in ♀; ○ eclip-	
26				6 and	1		
27 M				7 throat	8 a 21	Fair and	
28 Tu		Night 9 25 long		8 arms	2 9 26	warm at the	
29 W				9 should.	3 10 23	end.	
30 Th				10 breast	4 11 11	♀ in ♀	
					5 11 53	* ♀ ♂	

April 1st, 5th of Nisan; 11th, 15th of Nisan, Passover; 12th,
16th of Nisan, 2d day; 27th, 1st of Yiar.

The 20 day, at 11^h 28^m aftern. Saturn } is in
 The 22 day, at 6 53 morn. Venus } ecliptic
 The 24 day, at 11 32 aftern. Mercury } conjunction
 The 26 day, at 6 45 aftern. Jupiter } with the
 The 29 day, at 7 53 morn. Mars } Moon.

M			Moon	
D			South.	
	h. m.	h. m.	h. m.	
1 5	38	6 30	4 a 35	<i>The depth of Rain in April 1844, at</i>
2 5	36	6 32	5 24	<i>Ackworth, was 0.240 inch.; Devonport,</i>
3 5	33	6 34	6 12	
4 5	31	6 35	6 59	0.826; <i>Empingham, 0.100; Epping,</i>
D 5	29	6 37	7 44	0.387; <i>Greenwich, 0.380; Retford,</i>
6 5	27	6 39	8 28	0.170; <i>Settle, 1.150; Thwaite, 0.30.</i>
7 5	24	6 40	9 11	Rain, snow, sleet, or hail, on the
8 5	22	6 42	9 54	10th, 15th, 20th, and 24th days of this
9 5	20	6 44	10 38	month. On or near the last-mentioned
10 5	18	6 45	11 24	day expect lightning and thunder.
11 5	15	6 47	morn.	
D 5	13	6 49	0 11	
13 5	11	6 50	1	virtue and condemning vice; and that
14 5	9	6 52	1	he who attends to the dictates of his
15 5	7	6 54	2	rational powers, escapes those im-
16 5	4	6 55	3	proprieties marked out by Astrology,
17 5	2	6 57	4	into which others naturally fall.
18 5	0	6 59	5	
D 4	58	7 0	6 34	But "the stars in their courses
20 4	56	7 2	7 28	could never have fought against
21 4	54	7 4	8 21	man's felicity, if he had continued
22 4	52	7 5	9 13	in his original state of purity;
23 4	50	7 7	10 4	sin, alas! blighted the fair bowers
24 4	48	7 8	10 55	of Eden, and introduced number-
25 4	46	7 10	11 47	
D 4	44	7 12	0 a 39	less miseries into this lower world;
27 4	42	7 13	1 32	and many an influence which
28 4	40	7 15	2 24	would have been good to man
29 4	38	7 17	3 15	in his pristine state, now act-
30 4	36	7 18	4 4	ing upon him in his changed and
				fallen

☿ in apogee, 5th day; perigee, 20th day.
 ☽'s semidiam. 1st day, 16' 1"; 11th, 15' 58"; 21st, 15' 55".

How beauteous now appears the verdant plain,
 Refreshed by sunshine and mild showers of rain ;
 With joy we listen to the warbling train ;
 Each songster pours his sweet melodious strain ;
 While daisies, cowslips, wide adorn the ground,
 And violets spread their fragrant odours round.

M D	W D		⊕ ○		ys A	⊕ rises & sets.
1 F			o		6	h. m. morn. 2 stationary.
2 S	Day br. 2	0	11	stom.	7	0 28 If I rightly
3			12	heart	8	0 57 ken the face
4 M	[<i>Inv. of the Cross</i>	14	back		9	1 23 of the hea-
5 Tu	h rises 2	21	mo.	15	bowels	10 1 46 3 in aphelion.
6 W	<i>Jno. Ev. à P. Lat.</i>	16	belly		11	2 9 vens, we
7 Th	Twi. ends	10 12	17	reins	12	2 32 must expect
8 F	<i>Easter Term ends</i>	17	and		13	2 55 much rain
9 S	4 sets 7	51 aft.	18	loins	14	3 21 at this
10			19	Scorpio	15	3 49 time.
11 M			20	domin.	F	rises 9 elong. max.
12 Tu	Day incr. 7	38	21	hips	17	9 a 13 [△ δ h
13 W	<i>O/d May Day</i>		22	thighs	18 10	12 Somesqualls
14 Th	♂ sets 11	7 aft.	23	knees	19 11	3 δ ⊖ 2
15 F	♀ rises 2	48 mo.	24	hams	20 11	45 Fine for a
16 S	♀ vis. in mornings		25	legs	21	morn. few days.
17			26	aneles	22	0 20 * ♀ h; ♀ elong.
18 M			27	feet	23	0 50 [max.
19 Tu	<i>Dunstan</i>		28	toes	24	1 17 Expect now
20 W	Day 15	46 long	29	head	25	1 42 5 ♀ H
21 Th			II	and	26	2 9 some dry
22 F	<i>Trin. Term beg.</i>		1	face	27	2 37 □ ⊖ h
23 S			2	neck	28	3 6 * ♀ δ
24			3	throat	29	3 40 weather,
25 M	♀ rises 3	18 mo.	4	arms	N	sets after which
26 Tu	<i>Aug. 1st Abp. of Canterbury</i>		1		9 a	4 look out for
27 W	<i>Venerable Bede</i>	6	breast		2	9 49 thunder,
28 Tu	Nightsall twilight	7	and		3 10	27 with hasty
29 F				stom.	4 10	58 showers of
30 S	<i>Oxf. Term ends</i>	1	9	heart	5 11	25 rain and
31				<i>Cam. T. div. m.</i>	6 11	50 hail.

The 18 day, at 7^h 37^m morn. Saturn } is in
 The 21 day, at 11 28 morn. Venus } ecliptic
 The 23 day, at 4 13 morn. Mercury } conjunction
 The 24 day, at 2 29 aftern. Jupiter } with the
 The 28 day, at 3 46 morn. Mars } Moon.

M	D	Moon	South.
h. m.	h. m.	h. m.	
1 4 34	7 20	4 a 52	<i>The depth of Rain in May 1844, at</i>
2 4 32	7 21	5 38	<i>Ackworth, was 0.400 inch.; Devon-</i>
D 4 30	7 23	6 22	
4 4 29	7 25	7 5	<i>port, 0.075; Empingham, 0.270; Epping,</i>
5 4 27	7 26	7 48	<i>0.359; Greenwich, 0.315; Retford,</i>
6 4 25	7 28	8 32	<i>Settle, 0.410; Thwaite, 0.36.</i>
7 4 23	7 30	9 16	Showers about the 4th, 9th, 14th,
8 4 22	7 31	10 3	18th, 27th, and 31st days of this
9 4 20	7 33	10 52	month, the day before or the day
D 4 18	7 34	11 44	after. On the 27th thunder.
11 4 16	7 36	morn.	
12 4 15	7 37	0 39	
13 4 13	7 39	1 36	fallen condition, produces an opposite
14 4 12	7 40	2 35	effect. Nevertheless, amid all this,
15 4 10	7 42	3 33	and many other things, over which
16 4 9	7 43	4 30	man has <i>no</i> controul, he <i>still</i> remains
D 4 7	7 45	5 25	a moral agent—an accountable being
18 4 6	7 46	6 18	
19 4 5	7 48	7 9	for his actions.
20 4 3	7 49	7 59	"Thou great First Cause, least understood,
21 4 2	7 51	8 49	Who all my sense confined,
22 4 1	7 52	9 40	To know but this, that Thou art good,
			And that myself am blind."
23 3 59	7 53	10 31	"Yet gav'st me in this dark estate
D 3 58	7 55	11 22	To know the good from ill;
25 3 57	7 56	0 a 14	
26 3 56	7 57	1 6	And binding Nature fast in fate,
27 3 55	7 59	1 56	Left free the <i>human will.</i> "
28 3 54	8 0	2 45	The * of the two benevolent
29 3 53	8 1	3 31	planets, ♀ and ☽, from each other's
30 3 52	8 2	4 17	houses, on the 8th of March, is an
D 3 51	8 3	5 0	interesting

* in apogee, 3d day; perigee, 15th day; apogee, 31st day.
 ☽'s semidiam. 1st day, 15° 53''; 11th, 15° 51''; 21st, 15° 49''.

TIME wings its flight!—lo! Spring and Summer meet;
 Fair Spring departs and Summer takes the seat;
 Sheds from his radiant throne incessant heat;
 The panting cattle seek some cool retreat:
 Sometimes He hurls His thunders through the air,
 And forked lightnings fly with wondrous glare.

M	W		⊕	☽	☽ rises	
D	D		⊖	☿	A & sets.	
1	M	Nicomedē	7	morn.	□ ♂ ☽	
2	Tu	[12]	8	0 13	Growing	
3	W	Oxf. T. beg.	9	0 34	♀ in aphelion.	
4	Th	[13]reins	10	0 57*	⊕ ☽	
5	F	Bonifacē	11	1 21	showers.	
6	S	Day 16 23 long	15	Scorpio	12 1 47	♂ ♀ ¼; * ♀ ☽
7			16	domin.	13 2 18	□ ♀ ☽
8	M	☿ rises 0 10 mo.	17	hips	14 2 57	Changeable
9	Tu	¼ rises 2 52 mo.	18	thighs	F	rises and cold
10	W		19	knees	16 8 a 54	for the
11	Th	Corp. Christi	17		9 43	season.
12	F	Trin. Term ends	21	legs	18 10 21	☿ stationary.
13	S	♂ sets 10 20 aft.	22	and	19 10 53	* ♀ ☽; ♀ in ☽
14			23	ancles	20 11 22	□ ¼ ☽
15	M		24	feet	21 11 49	Alternately
16	Tu	Night 7 27 long	25	toes	22	morn. fair and
17	W	St. Alban	26	head	23 0 14	showery.
18	Th	Day incr. 8 50	27	face	24 0 41	♀ in perihelion.
19	F	♀ rises 1 48 mo.	28	neck	25 1 10	
20	S		29	throat	26 1 41	♂ sup. ♀ ☽
21			27		2 18	△ ♀ ☽
22	M	[Long.Day]	28	3 1	△ ☽	
23	Tu	☒ and		9	0	
24	W	2 should.	N			sets Very hot
		Mids. Day	1			
25	Th	♀ rises 4 3 mo.	3	stom.	2 9	0
26	F	Day 16 33 long	4	heart	3 9	29 Charming
27	S		5	and	4 9	53 weather for
28			6	back	5 10	17 □ ♀ ☽
29	M		7	bowels	6 10	41 promoting
30	Tu	Night 7 30 long	8	belly	7 11	2 vegetation.

June 1st, 7th of Sivan, Pentecost—2d day; 25th, 1st of Tamuz.

The 14 day, at 2^h 14^m aftern. Saturn } is in
 The 20 day, at 2 45 morn. Venus } ecliptic
 The 21 day, at 8 59 morn. Jupiter } conjunction
 The 24 day, at 3 10 morn. Mercury } with the
 The 25 day, at 11 12 aftern. Mars } Moon.

M	D	Moon	South.	
h. m.	h. m.	h. m.		
13 50	8 4	5 a 43		<i>The depth of Rain in June 1844, at</i>
23 50	8 5	6 25		
33 49	8 6	7 9		<i>Ackworth, was 1.630 ineh. ; Devon-</i>
43 48	8 7	7 54		<i>port, 1.133 ; Empingham, 0.900 ; Ep-</i>
53 48	8 8	8 41		<i>ping, 1.946 ; Greenwich, 2.093 ; Retford,</i>
63 47	8 9	9 31		<i>1.710 ; Settle, 2.320 ; Thwaite, 2.29.</i>
D 3 47	8 10	10 25		Rain may be expected about the
8 3 46	8 11	11 22		3d, 10th, 17th, and 22d.
9 3 46	8 12	morn.		
10 3 45	8 13	0 21		
11 3 45	8 14	1 21		interesting aspect, and may be hailed
12 3 45	8 14	2 21		as an omen of much good to <i>Portugal</i> ,
13 3 44	8 15	3 18		<i>Spain, Holland, Egypt, &c. ; and</i>
D 3 44	8 15	4 13		<i>also to Ireland</i> , though I am afraid
15 3 44	8 16	5 6		that the malignant ☐ of δ and h, so
16 3 44	8 17	5 57		
17 3 44	8 17	6 47		soon after, will awaken some fresh
18 3 44	8 17	7 37		warlike feeling or discontentedness
19 3 44	8 18	8 27		in that country, which has for
20 3 44	8 18	9 17		years been kept in a state of sin-
D 3 44	8 18	10 8		gular excitement from one cause or
22 3 45	8 19	10 59		another.
23 3 45	8 19	11 50		
24 3 45	8 19	0 a 39		The ☐ of γ and h on June 14th is
25 3 45	8 19	1 26		a rare and important aspect, sig-
26 3 46	8 19	2 12		nifying great changes to happen
27 3 46	8 19	2 56		in the world, with broils, jars, and
D 3 47	8 19	3 39		treacherous conspiracies ; but I
29 3 47	8 19	4 22		trust our own nation will escape.
30 3 48	8 18	5 4		Prudence and wisdom, however,
				will

☽ in perigee, 12th day; apogee, 27th day.
 ☽'s semidiam. 1st day, 15° 47'' ; 11th, 15° 46'' ; 21st, 15° 45''.

'Tis July now,—and Sol, each cloudless day,
 From fiery Leo sheds his burning ray ;
 The new-mown grass the husbandmen survey,
 Spread to the sun it quickly turns to hay :
 The wheat, the barley, and the oats begin
 To change their colour,—harvest now sets in.

M	W	\odot	γ 's δ rises
D	D	Ξ	A & sets.
1 W		o	8 11 a 24 \odot in apogee.
2 Th	Visit. B. V. M.	9 reins	9 11 49 \square ♀ h
3 F	Dog days begin	10 and	10 morn. Hot, with
4 S	Transl. St. Mart.	11 loins	11 0 17 thunder
5		12 Scorpio	12 0 52 showers.
6 M	Old Mids. Day	13 domin.	13 1 34 \square \odot Ξ : * δ γ
7 Tu	Tho. à Becket: Ox.	14 hips	14 2 26 δ ♀ γ ; * ♀ δ
8 W	[Act. Camb. Com.	15 thighs	F rises Fair and
9 Th	Ξ rises	16 knees	16 8 a 17 * ♀ γ
10 F	Cam. Term ends	17 hamis	17 8 54 δ ♀ δ
11 S	Oxf. Term ends	18 legs	18 9 25 bright:
12		19 ankles	19 9 53 often sultry.
13 M	γ rises 0 59 mo.	20 feet	20 10 20 * ♀ ♀
14 Tu	Day 16 9 long	21 toes	21 10 46 * ♀ Ξ ; Δ ♀ Ξ
15 W	St. Swithin	22 head	22 11 14 Rain, thun-
16 Th	δ sets 9 6 aft.	23 face	23 11 45 der, and
17 F	φ rises 1 25 mo.	24 neck	24 morn.
18 S	Day deer. 0 34	25 throat	25 0 20 lightning at
19		26 arms	26 1 1 this time.
20 M	Margaret	27 should.	27 1 47 Δ δ Ξ ; Ξ stat.
21 Tu	Night 8 7 long	28 breast	28 2 39 Fair and hot
22 W	Magdalene	29 stom.	29 3 35 γ in Ξ
23 Th	φ sets 9 0 aft.	30 heart	N sets weather
24 F		1 and	1 8 a 0 may now be
25 S		back	2 8 24 ϱ h
26		St. Anne	3 8 47 expected for
27 M	φ vis. in evenings	4 belly	4 9 8 Δ ♀ h
28 Tu	Day br. 1 10	5 reins	5 9 29 some days.
29 W	Day 15 31 long	6 and	6 9 52 γ elong. max.
30 Th		7 loins	7 10 19 Thunder
31 F	Twi. ends 10 46	8 Scorpio	8 10 50 showers.

July 1st, 7th of Tamuz; 12th, 18th of Tamuz, Fast, Taking
 of Jerusalem; 24th, 1st of Ab.

The 11 day, at 8^h 46^m aftern. Saturn } is in
 The 19 day, at 1 40 morn. Jupiter } ecliptic
 The 20 day, at 1 35 morn. Venus } conjunction
 The 24 day, at 5 53 aftern. Mars } with the
 The 25 day, at 7 11 aftern. Mercury } Moon.

M		Moon	
D		South.	
		h. m. h. m.	h. m.
1	3	49 8 18	5 a 47
2	3	49 8 18	6 32
3	3	50 8 17	7 20
4	3	51 8 17	8 11
D	3	52 8 17	9 5
6	3	53 8 16 10	10 3
7	3	53 8 16 11	11 3
8	3	54 8 15	morn.
9	3	55 8 14	0 5
10	3	56 8 14	1 5
11	3	57 8 13	2 3
D	3	58 8 12	2 58
13	4	0 8 11	3 52
14	4	1 8 10	4 44
15	4	2 8 9	5 34
16	4	3 8 8	6 25
17	4	4 8 7	7 15
18	4	5 8 6	8 5
D	4	7 8 5	8 56
20	4	8 8 4	9 46
21	4	9 8 3	10 55
22	4	11 8 2	11 23
23	4	12 8 0	0 a 9
24	4	13 7 59	0 54
25	4	15 7 58	1 37
D	4	16 7 56	2 20
27	4	18 7 55	3 2
28	4	19 7 53	3 44
29	4	21 7 52	4 28
30	4	22 7 50	5 13
31	4	23 7 49	6 2

) in perigee, 10th day; apogee, 25th day.

⊕'s semidiam. 1st day, 15° 45'; 11th, 15° 45"; 21st, 15° 46".

WHILE Summer reigns what various things we see
 That please the mind, and lead to piety ;
 The smallest plant, the most stupendous tree,
 Declare Jehovah's wisdom equally :
 All objects in creation's round combine
 To show the wonder-working Hand divine !

M	W		⊕		Y's	D	rises	
D	D		Ω		A	&	sets.	
1	S	<i>Lammas Day</i>	o	9 domin.	9	11 a	27	Rain, with ♀ in aphelion.
2				10 hips	10	morn.	*	♀ ♀
3	M	Day br. 1 38	11	thighs	11	0	13	* ⊕ ¼
4	Tu	☿ rises 8 19 aft.	12	knees	12	1	9	lightning,
5	W	[<i>Transfig.</i>	13	hams	13	2	16	and thunder,
6	Th		14	legs	14	3	30	at intervals.
7	F	<i>Name of Jesus</i>	15	ancles	F	rises	△ ⊖ ½	
8	S	Twi. ends 10 13	15	feet	16	7 a	52	
9		(<i>Shoot. stars</i>)	17		8	21	□ ♀ ½; ♂ in	
10	M	<i>St. Lawrence</i>	17	head	18	8	50	[aphelion.]
11	Tu	<i>Dog days end</i>	18	face	19	9	19	8 ♂ h; ♀ stat.
12	W	☿ rises 11 15 aft.	19	neck	20	9	50	Now fair
13	Th		20	and	21	10	23	and hot ;
14	F	[<i>Old Lam. Day</i>	21	throat	22	11	3	very suitable
15	S	<i>Assump. B. V. M.</i>	22	arms	23	11	47	weather for
16			23	should.	24	morn.		the harvest.
17	M		24	breast	25	0	37	
18	Tu		25	and	26	1	31	Now overcast
19	W	Day deer. 2 13	26	stom.	27	2	29	a few days.
20	Th	♂ sets 7 32 aft.	27	heart	28	3	30	⊕ h
21	F	♀ rises 2 11 mo.	28	back	N	sets.	♀ in ♀	
22	S	Day 14 10 long	29	bowels	1	6 a	52	♂ ♀ ♂
23		mp	and		2	7	14	* ¼ ½
24	M		1	belly	3	7	37	
25	Tu	♀ sets 6 36 aft.	2	reins	4	8	0	♂ inf. ♀ ⊕
26	W		3	loins	5	8	25	Brilliant
27	Th	Night 10 9 long	4	Scorpio	6	8	53	skies; fine
28	F	<i>St. Augustine</i>	5	domin.	7	9	26	summer
29	S	<i>St. Jno. Bapt. beh.</i>	6	hips	8	10	7	weather, ri-
30			7	and	9	10	57	pening corn
31	M		8	thighs	10	11	57	and fruit.

August 1st, 9th of Ab; 2d, 10th of Ab, Fast, Destruction of the Temple;
 23d, 1st of Elul.

The 8 day, at 4^h 4^m morn. Saturn } is in
 The 15 day, at 4 19 aftern. Jupiter } ecliptic *
 The 19 day, at 6 13 morn. Venus } conjunction
 The 22 day, at 1 8 aftern. Mars } with the
 The 22 day, at 1 14 aftern. Mercury } Moon.

M Moon
 D South.

	h.	m.	h.	m.	
1 4	25	7	47	6 a	53
D 4	26	7	46	7	47
3 4	28	7	44	8	45
4 4	29	7	42	9	45
5 4	31	7	41	10	45
6 4	33	7	39	11	45
7 4	34	7	37	morn.	
8 4	36	7	35	0	43
D 4	37	7	33	1	39
10 4	39	7	32	2	34
11 4	40	7	30	3	27
12 4	42	7	28	4	19
13 4	43	7	26	5	11
14 4	45	7	24	6	2
15 4	47	7	22	6	53
D 4	48	7	20	7	43
17 4	50	7	18	8	33
18 4	51	7	16	9	21
19 4	53	7	14	10	7
20 4	55	7	12	10	52
21 4	56	7	10	11	36
22 4	58	7	8	0 a	19
D 5	07	6	1	1	heavily upon the industrious part of
24 5	17	4	1	44	the community. In future let the so-
25 5	37	1	2	27	vereigns and nobility of distant states
26 5	46	59	3	11	and nations fight their own battles,
27 5	66	57	3	58	for be assured no nation will rise
28 5	76	55	4	47	up against its rulers, if the latter act
29 5	96	53	5	38	with justice and moderation : when
D 5	116	51	6	33	they depart from this standard let
31 5	126	48	7	30	them take the consequences.

} in perigee, 7th day; apogee, 21st day.

©'s semidiam. 1st day, 15°47''; 11th, 15°48''; 21st, 15°50''.

REVOLVING Time brings every Season round,
 See! Autumn with ten thousand blessings crowned;
 On every side the ripening fruits abound,
 And waving harvests grace the fertile ground:
 While Providence its bounties thus displays,
 Shall we not raise to Heaven our songs of praise?

M D	W D		⊙ ♑	Ys A	▷ rises & sets.	
1	Tu	<i>Giles</i>	9 knees	11	h. m.	Still fine.
2	W	London bt. 1666,	10 hams	12	1 6△ ♀ H	
3	Th	Day br. 3 11 [O.S.]	11 legs	13	2 23* ♀ ♣; ♀ stat.	
4	F	h sets 3 56 mo.	12 ancles	14	3 45	Now expect
5	S	<i>Old Bartholomew</i>	13 feet		F rises	wind and
6			13 toes	16	6 a 48	rain.
7	M	<i>Enurhus</i>	14 head	17	7 17□ ♂ ♣	
8	Tu	<i>Nativ. B. V. M.</i>	15 face	18	7 49□ ⊖ ♣	
9	W	Twi. ends 8 30	16 neck	19	8 23♀ in ♀	
10	Th	♀ rises 9 33 aft.	17 throat	20	9 0 ♂ ⊖ ♂	
11	F	♂ rises 5 24 mo.	18 arms	21	9 44♀ elon. max.	
12	S		19 should.	22	10 32♀ h	
13			20 breast	23	11 26	Showery.
14	M	<i>Holy Cross</i>	21 and	24	morn. ♀ in perihelion.	
15	Tu	Day deer. 3 55	22 stom.	25	0 22	The weather
16	W		23 heart	26	1 23	is now likely
17	Th	<i>Lambert</i>	24 back	27	2 24	to be fair
18	F	Geo. I & II. land.	25 bowels	28	3 26	and very
19	S	♀ rises 3 34 mo.	26 and	29	4 29	
20			27 belly	N	sets	pleasant for
21	M		28 reins	1	6 a	some days.
22	Tu	Day 12 11 long	29 loins	2	6 30□ ♀ ♣	
23	W		Scor-	3	6 57	♀ in perihelion.
24	Th	Equal day & night	1 pio	4	7 29	Squally, with
25	F	♀ rises 4 50 mo.	2 domin.	5	8 7	showers at in-
26	S	<i>St. Cyprian</i>	3 hips	6	8 53	tervals; but in
27			4 thighs	7	9 48	general fine and
28	M	Night 12 13 long	5 knees	8	10 51	
29	Tu		6 hams	9	morn. ♂ ♂; □ ♀ ♣	
30	W	<i>St. Jerome</i>	7 legs	10	0 1	pleasant.

September 1st, 10th of Elul; 21st, 1st of Tisri (Jewish year 5607 begins);
 22d, 2d of Tisri, 2d day; 23d, 3d of Tisri. Fast of Guedaliah;
 30th, 10th of Tisri, Fast of Expiation.

The 4 day, at 11^h 51^m morn. Saturn } is in
 The 12 day, at 5 1 morn. Jupiter } ecliptic
 The 18 day, at 3 12 aftern. Venus } conjunction
 The 19 day, at 7 15 morn. Mercury } with the
 The 20 day, at 8 20 morn. Mars } Moon.

M		Moon	
D		South.	
	h. m.	h. m.	
1 5	14 6	46	8 a 28 <i>The depth of Rain in September 1844,</i>
2 5	15 6	44	9 27 <i>at Ackworth, was 1.990 inch.; Devon-</i>
3 5	17 6	42	10 25 <i>port, 1.116; Empingham, 2.000; Ep-</i>
4 5	19 6	40	11 22 <i>ping, 1.903; Greenwich, 1.135; Retford,</i>
	5 5	20 6	37 morn.
D 5	22 6	35	0 18
7 5	23 6	33	1 12 1.950; <i>Settle, 2.320; Thwaite, 1.60.</i>
8 5	25 6	30	2 7 <i>Rain, more or less, about the 6th,</i>
9 5	27 6	28	3 0 11th, 16th, 21st, and 29th of this
10 5	28 6	26	3 54 month.
11 5	30 6	24	4 46
12 5	31 6	21	5 38
D 5	33 6	19	6 28 <i>America is likely to give us some</i>
14 5	35 6	17	7 17 <i>trouble, and much pro et con. will be</i>
15 5	36 6	14	8 4 necessary before matters in dispute
16 5	38 6	12	8 50 can be settled to the satisfaction of
17 5	39 6	10	9 34 both parties.
18 5	41 6	8 10	17 <i>The 6 of ♀ and ♀ (July 7) hap-</i>
19 5	42 6	5 11	0 pening in ☽, the ascendant of Lon-
D 5	44 6	3 11	43
21 5	46 6	1 0 a 26	don, denotes much good to that city;
22 5	47 5	58	1 10 —such as the increase of commerce,
23 5	49 5	56	1 56 improvements in buildings, and other
24 5	51 5	54	2 44 matters, which will afford employment
25 5	52 5	51	3 35 to the labouring classes. It also refers
26 5	54 5	49	4 27 to hills, mountains, and store-houses
D 5	55 5	47	5 22 for corn; hence a plentiful harvest
28 5	57 5	44	6 18
29 5	59 5	42	7 14 may be expected, which will gladden
30 6	0 5	40	8 10 the hearts of the poor; who, it is to be

THE swains in yonder fields are busy now,
 Along the plains they guide the useful plough,
 The soil prepare, and then the seed they sow;
 The maid each morn and evening milks the cow:
 Towards the end the western winds arise,
 The trees are bare, and fogs obscure the skies.

M D	W D		⊕ △	D's A	D rises & sets.	
1 Th	<i>Remigius</i>	o			h. m.	
2 F		8 ankles	11	1 m 17	Fair and	
3 S	Day br. 4	9 feet	12	2 38	pleasant	
4		10 toes	13	4 0	for the sea-	
5 M		11 head	F	rises	rises son.	
6 Tu	<i>Faith</i>	12 face	15	5 a 45 8	⊖ H; ¼ stat.	
7 W	½ sets 1 35 mo.	13 neck	16	6 17 8	⊖ H	
8 Th	Twi. ends 7 15	14 throat	17	6 55	δ sup. ⊖ ⊙	
9 F	<i>St. Denys</i>	15 arms	18	7 37		
10 S	<i>Oxf. & Cam. T. b.</i>	16 and	19	8 25	△ ⊖ ¼	
11		17 should.	20	9 17	△ ⊙ ¼	
12 M	Least twilight	<i>O. Mich. D</i>	21	10 14	Now show-	
13 Tu	<i>Trs. K. Ed. Conf.</i>	19 stom.	22	11 14	ery and cool.	
14 W		20 heart	23	morn. △ ⊖ h		
15 Th	¼ rises 7 18 aft.	21 and	24	0 15		
16 F	Day deer. 5 57	22 back	25	1 17	Expect wind	
17 S	<i>Etheldreda</i>	23 bowels	26	2 20	and rain.	
18		24 belly	27	3 23	△ ⊙ h	
19 M		25 reins	28	4 26	8 3 H; ¼ in ⊖	
20 Tu	Day 10 22 long	26 and	29	5 32	8 ⊖ H	
21 W	♂ rises 5 15 mo.	27 loins	N	sets	From this	
22 Th	♀ rises 5 16 mo.	28 Scorpio	1	5 a 31	6 ⊖ δ	
23 F		29 domin.	2	6 6	time to the	
24 S	Night 13 53 long	30 hips	3	6 51	△ ⊖ ¼	
25		<i>Crispin</i>	4	7 44	△ δ ¼	
26 M	♀ sets 5 2 aft.	1 thighs	5	8 43	end for the	
27 Tu		2 hams	6	9 51	most part	
28 W		3 legs	7	11 4	fair & mild.	
29 Th		4 ankles	8	morn. ⊖ in aphelion.		
30 F	Day br. 4 57	5 feet	9	0 20	△ ⊖ h; h stat.	
31 S		6 and	10	1 38	Fine autumn	
		7 toes	11	2 56	weather.	

Oct. 1st, 11th of Tisri; 5th, 15th of Tisri, Feast of Tabernacles; 6th, 16th of Tisri, 2d day; 11th, 21st of Tisri, last day of the Festival; 12th, 22d of Tisri, Feast of the 8th day; 13th, 23d of Tisri, Rejoicing of the Law; 21st, 1st of Hesvan.

The 1 day, at 7^h 2^m aftern. Saturn
 The 9 day, at 3 5 aftern. Jupiter } is in
 The 19 day, at 1 29 morn. Venus } ecliptic
 The 19 day, at 6 18 morn. Mars } conjunction
 The 21 day, at 1 37 morn. Mercury } with the
 The 29 day, at 1 25 morn. Saturn Moon.

M		Moon	
D		South.	
16	25	37	9 a 6
26	45	35 10	1
36	55	33 10	56
D 6	75	31 11	50
56	95	28 morn.	4·710 ; Greenwich, 4·084; Retford,
66	105	26 0	1·380 ; Settle, 1·970; Thwaite, 4·34.
76	125	24 1	Rain or sleet may be expected about
86	145	22 2	the 3d, 13th, 18th, and 23d.
96	155	20 3	28
106	175	17 4	20 be hoped, will look through secondary
D 6	195	15 5	causes to the great Author of all our
126	205	13 5	126 59
136	225	11 6	136 46 blessings, and meditate with gratitude
146	245	9 7	146 31 on his gracious promise:—“Thy bread
156	255	6 8	156 14 shall be given and thy water sure.”
166	275	4 8	166 57 The ♀ of ♂ and ♀ on the 11th of
176	295	2 9	176 39 August is fraught with mischief,
D 6	315	0 10	D 6 22 which will be experienced in divers
196	324	58 11	196 7 parts of Europe, and I fear in
206	344	56 11	206 53
216	364	54 0 a 41	216 France, though I am led to think
226	384	52 1	226 31 that much of the evil will be counter-
236	394	50 2	236 24 acted by the benign * of ♀ and ♀ in
246	414	48 3	246 18 Sept., and Δ of these planets in Oct.
D 6	434	46 4	D 6 13 Many persons in enlightened Bri-
266	454	44 5	266 9 tain, I am sorry to say, about this
276	474	42 6	276 4
286	484	40 6	286 58 time are busy in the hellish work of
296	504	38 7	296 51 injuring their neighbours! “Tell
306	524	36 8	306 44 it not in Gath!” He especially.
316	544	34 9	316 36 who

♃ in perigee, 3d day; apogee, 15th day; perigee, 31st day.
 ○'s semidiam. 1st day, 16° 0'; 11th, 16° 3'; 21st, 16° 6'.

AND where is Spring in beautiful array,
 Diffusing pleasures, which we wished to stay?
 And where is Summer that we did survey,
 Not long ago?—they both are past away:
 Autumn still reigns;—soon we shall Winter see.
 O Man! the Seasons much resemble thee.

M	W		⊕	D	Y's	☽ rises	
D	D		♏	A	& sets.		
			○				
				o			
1					12	4 m 14	□ ♀ h
2	M	All Souls: Mich. Term beg.		13	5 32		Cold with
3	Tu		11 neck	F	rises		fog and
4	W	K.Will.III.land.	12 throat	15	5 a 27		rain.
5	Th		13 arms	16	6 13		
6	F	Leonard	14 should.	17	7 5	△ ♂ h	
7	S	h sets 11 28 aft.	15 breast	18	8 0		Now mostly
8			16 stom.	19	9 0		fair and
9	M	Ld. Mayor's d.		20	10 2		mild.
10	Tu	Day br. 5 14	18 and	21	11 4		
11	W	St. Martin	19 back	22	morn.		Some rain or
12	Th	Cam. T.div.m.: Shoot. Stars		23	0 6		snow.
13	F	Britius	21 belly	24	1 9	△ ♀ H	
14	S	4 rises 5 12 aft.	22 reins	25	2 12		Fair for a
15			Machutus	26	3 17		few days.
16	M	Twi. ends 6 7	24 loins	27	4 23	♂ ♀ ȝ	
17	Tu	Hugh Bp. Linc.	25 Scorpio	28	5 29	□ ⊕ h	
18	W	♂ rises 5 10 mo.	26 domin.	N	sets		A gloomy at-
19	Th	♀ rises 6 47 mo.	27 hips	1	4 a 46		mosphere
20	F	Edm.K.andMart.	28 thighs	2	5 37		and bluster-
21	S		29 knees	3	6 35		ing winds.
22		St. Cecilia		4	7 41	□ ♀ h	
23	M	St. Clement	† hams	5	8 53	♀ elong. max.	
24	Tu	Day deer. 8 11	2 legs	6	10 8		
25	W	Mich.T.e.: Cath.	3 ankles	7	11 25	* ♀ h	
26	Th	♀ sets 4 56 aft.	4 feet	8	morn.		Frequently
27	F	Day 8 16 long	5 toes	9	0 42		foggy; at
28	S		6 head	10	1 58		times frosty
29			7 face	11	3 14		
30	M		8 neck	12	4 29		and bright.

The 5 day, at 9^h 49^m aftern. Jupiter) is in
 The 17 day, at 0 58 morn. Mars) ecliptic
 The 18 day, at 9 43 morn. Venus } conjunction
 The 20 day, at 4 32 aftern. Mercury } with the
 The 25 day, at 8 1 morn. Saturn Moon.

M		Moon	
D		South.	
D 6	55 4	32 10 a	30
26	57 4	30 11	24
36	59 4	29 morn.	
47	1 4 27	0 18	
57	3 4 25	1 13	
67	4 4 23	2 7	
77	6 4 22	3 0	
D 7	8 4 20	3 50	
97	10 4 18	4 39	
107	11 4 17	5 25	
117	13 4 15	6 9	
127	15 4 14	6 52	who without call or office industri-
137	17 4 12	7 34	ously recalls the remembrance of
147	18 4 11	8 17	past errors to confound him who has
D 7	20 4	9 9	sincerely repented of them, is an un-
167	22 4	8 9	feeling villain!
177	24 4	7 10	Others are making their boast that
187	25 4	5 11	all things good or bad are fixed by
197	27 4	4 0 a	the hand of fate, and take advan-
207	29 4	3 1	tage of this as a defence for their
217	30 4	2 2	selfishness and cruelty; but let it be
D 7	32 4	1 3	remembered that for every evil deed
237	34 4	0 4	we must give an account at the judg-
247	35 3	59 4	ment day. The petition, therefore,
257	37 3	58 5	
267	38 3	57 6	
277	40 3	56 7	in the Book of Common Prayer—
287	41 3	55 8	“ Cleanse the thoughts of our
D 7	43 3	54 9	“ hearts by the inspiration of thy
307	44 3	53 10	“ Holy Spirit, that we may perfectly
			“ love

☽ in apogee, 12th day; perigee, 25th day.
 ☽'s semidiam. 1st day, 16° 9''; 11th, 16° 11''; 21st, 16° 13''.

Now on our island wintry storms descend ;
 This year doth to its termination tend ;
 Happy is he whose Maker is his friend,
 And can look forward to a peaceful end,
 And to a place beyond this vale below,
 A region where unceasing pleasures flow.

M	W	\odot	D's	D	rises
D	D	\dagger	A	&	sets.
1	Tu Day br. 5 42	9 throat	13	5 m 41	Fair and
2	W	10 arms	14	rises	$\Delta \odot \text{H}$; ♀ stat.
3	Th	\natural sets 9 51 aft. 11 should.	15	4 a 52	frosty.
4	F	\natural sets 7 54 mo. 12 breast	16	5 46 δ \odot γ	
5	S	Twi. ends 5 55 13 and	17	6 44 Δ ♀ H	
6		14 stom.	18	7 45 δ ♀ γ ; ♀ in ♀	
7	M	[Nicholas] 15 heart	19	8 48 * ♀ h	
8	Te	Concept. B.V.M. 16 back	20	9 52	Now some
9	W	17 bowels	21	10 54	rain or snow.
10	Th	δ rises 5 8 mo. 18 and	22	11 56 ♀ in ♀	
11	F	Day decr. 8 43 19 belly	23	morn. δ inf. ♀ \odot ; ♀ in	
12	S	[Lucy] 20 reins	24	1 0 5 ♀ γ per	
13		21 loins	25	2 5 * γ H	
14	M	22 Seer-	26	3 11	Mild for a
15	Li	Day 7 47 long 23 pio	27	4 18	short time.
16	W	Cam. T.e.O Sap.! 24 hips	28	5 26 δ sup. ♀ \odot	
17	Th	Oxf. Term ends 25 hips	29	6 30 * ♀ h	
18	F	♀ rises 8 9 mo. 26 thighs	N	sets * \odot h	
19	S	Day br. 5 58 27 knees	1	5 a 26	Dark clouds
20		28 hams	2	6 38	H stationary.
21	M	Short. 29 legs	3	7 54	with a raw
22	Tu	[Day] ♀ ankles	4	9 12	γ stationary.
23	W	Twi. ends 5 58 1 feet	5	10 31	cold air.
24	Th	♀ rises 6 15 mo. 2 toes	6	11 48 \square δ h	
25	F	3 head	7	morn.	Rough un-
26	S	4 face	8	1 2	pleasant
27			9	2 16	weather, at-
28	M	6 throat	10	3 28	tended with
29	Tu	7 arms	11	4 37 \square ♀ H	
30	W	Night 16 12 long 8 and	12	5 39	cold rain or
31	Th	Silvester 10 should.	13	6 35	snow.

Dec. 1st, 12th of Kislev; 14th, 25th of Kislev. Dedication of the Temple;
 29th, 1st of Tebet; 29th, 16th of Tebet, Fast, Siege of Jerusalem.

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The 3 day, at	1 h.	6 m. morn.	Jupiter	} is in ecliptic conjunction with the Moon.
The 15 day, at	10 h.	23 m. aftern.	Mars	
The 17 day, at	2 h.	29 m. aftern.	Mercury	
The 18 day, at	1 h.	48 m. aftern.	Venus	
The 22 day, at	4 h.	54 m. aftern.	Saturn	
The 30 day, at	2 h.	19 m. morn.	Jupiter	

M	Sun rises	Sun sets	Moon South.
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MONTHLY OBSERVATIONS.

	h.	m.	h.	m.
1 7	46	3	53	11 a 0
2 7	47	3	52	11 54
3 7	49	3	51	morn.
4 7	50	3	51	0 48
5 7	51	3	50	1 40
D 7	52	3	50	2 30
7 7	54	3	50	3 17
8 7	55	3	49	4 3
9 7	56	3	49	4 46
10 7	57	3	49	5 29
11 7	58	3	49	6 11
12 7	59	3	49	6 54
D 8	0	3	49	7 38
14 8	1	3	49	8 24
15 8	2	3	49	9 12
16 8	3	3	49	10 4
17 8	4	3	49	10 59
18 8	4	3	49	11 56
19 8	5	3	50	0 a 54
D 8	6	3	50	1 52
21 8	6	3	51	2 48
22 8	7	3	51	3 43
23 8	7	3	52	4 36
24 8	7	3	52	5 28
25 8	8	3	53	6 19
26 8	8	3	54	7 10
D 8	8	3	54	8 1
28 8	9	3	55	8 54
29 8	9	3	56	9 46
30 8	9	3	57	10 39
31 8	9	3	58	11 31

*The depth of Rain in Dec. 1844, at***FULL MOON, 2d. 10h. 46m. aftern.***Ackworth, was 0·480 inch; Devonport, 2·036; Empingham, 0·570; Epping, 0·429; Greenwich, 0·401; Retford, 0·210; Settle, 0·380; Thwaite, 0·52. Rain and snow at intervals about the 7th, 14th, 19th, 24th, and 30th days of this month.***LAST QUAR. 10d. 9h. 16m. aftern.***love thee, and worthily magnify thy holy name," is very excellent, and if offered to the Deity, through Christ, in sincerity, will not fail to meet with a suitable answer.**Upon taking the amount of the twelve months, it appears that the***NEW MOON, 18d. 0h. 42m. aftern.***depth of Rain for the whole year 1844, at Ackworth, was 18·820 inches; Devonport, 28·101; Empingham, 21·230; Epping, 26·486; Greenwich, 27·242; Retford, 16·440; Settle, 27·440; and***FIRST QUAR. 25d. 6h. 36m. morn.***Thwaite, 22·62, making, with respect to the places mentioned, the mean annual fall 23·547 inches: and this is equivalent to 9864 hogsheads per acre, which in weight is about two thousand three hundred and seventy-eight tons.*

☿ in apogee 9th day; perigee 21st day.

⊕'s semidiam. 1st day, 16° 15'; 11th, 16° 16'; 21st, 16° 17'.

The Dominion of the Moon
in Man's Body, passing
under the Twelve Zodiacal
Constellations.

- ♈ Aries, Head and Face.
- ♉ Taurus, Neck and Throat.
- ♊ Gemini, Arms and Shoulders.
- ♋ Cancer, Breast and Stomach.
- ♌ Leo, Heart and Back.
- ♍ Virgo, Bowels and Belly.
- ♎ Libra, Reins and Loins.
- ♏ Scorpio, Secret Members.
- ♐ Sagittarius, Hips and Thighs.
- ♑ Capricorn, Knees and Hams.
- ♒ Aquarius, Legs and Ankles.
- ♓ Pisces, Feet and Toes.

Names and Characters of the PLANETS,
with *Dragon's Head & Dragon's Tail*.

⊕ the SUN.
♃ Saturn. ♀ Jupiter. ♂ Mars.
♀ Venus. ♀ Mercury ♪ the Moon.
♂ Dragon's Head. ♀ Dragon's Tail.

PLANETS discovered since 1780.

♄ Uranus.	♃ Ceres.
♅ Pallas.	♄ Juno. ♉ Vesta.

The Characters of the ASPECTS.

☌ Conjunction.	★ Sextile.
☍ Opposition.	
△ Trine.	□ Quartile.

LAW TERMS AND RETURNS.

- | | |
|----------------------------------|--|
| 1. HILARY TERM — begins Jan. | 11 — ends Jan. 31 — comprises 21 days. |
| 2. EASTER TERM — begins April | 15 — ends May 8 —————— 24 days. |
| 3. TRINITY TERM — begins May | 22 — ends June 12 —————— 22 days. |
| 4. MICHAELMAS TERM — beg. Nov. 2 | — ends Nov. 25 —————— 24 days. |

It is enacted, That all Writs now usually returnable before the Courts of King's Bench, Common Pleas, or Exchequer respectively, on general Return Days, that shall be made returnable after the first day of January in 1831, may be made returnable on the third day exclusive before the commencement of each Term, or on any day, not being *Sunday*, between that day and the 3d day exclusive before the last day of the Term ; and the day for Appearance shall, as heretofore, be the 3d day after such Return, exclusive of the day of the Return ; or in case such 3d day shall fall on a *Sunday*, then on the 4th day after such Return, exclusive of such day of Return. All other Writs must be made returnable on a day in full Term.

[NAMES OF THE LEARNED JUDGES OF THE LAW.

I. CHANCERY.

Right hon. Lord Lyndhurst	- - -	- - -	Lord High Chancellor.
Right hon. Lord Langdale	- - -	- - -	Master of the Rolls.
Right hon. Sir Lancelot Shadwell	- - -	- - -	Vice-Chancellor of England.
Right hon. Sir J. L. Knight Bruce	- - -	- - -	Vice-Chancellors.
Right hon. Sir James Wigram	- - -	- - -	

II. QUEEN'S BENCH : Right Hon. Lord Denman, L.C.J.

Sir J. Patteson : Sir J. Williams : Sir J. T. Coleridge : Sir W. Wightman.

III. COMMON PLEAS : Right hon. Sir Nicholas C. Tindal, L.C.J. Sir T. Coltman : Sir W. Erle : Sir W. H. Maule : Sir Cresswell Cresswell.

IV. EXCHEQUER : Right Hon. Sir Fred. J. Pollock, L.C.B.

Rt. Hon. Sir J. Parke : Sir E. H. Alderson : Sir R. M. Roife : Sir T. J. Platt.

V. BANKRUPTCY COURT : Sir J. L. Knight Bruce, and Sir G. Rose, Judges.

Joshua Evans, J. S. M. Fonblanque, R. G. C. Fane, E. Holroyd, H. J. Shepherd, esqrs., and Serjeant Goulburn - - - Commissioners.

Basil Montagu, Esq., Accountant : W. Scrope Ayrton, Esq., Registrar.
Attorney Gen., Sir Fred. Thesiger : Solicitor Gen., Sir Fitzroy Kelly.

REGULATIONS RESPECTING ELECTIONS.

1846.—Notice to receive claims for Votes must be given by Overseers on June 20.—Lists of Electors must be made by July 31.—Persons objecting to claims for Votes must give notice by Aug. 25.—Barristers must hold their Revision Courts between Sept. 15. and Oct. 25.—Lists to be copied into books, and the books to be delivered by Oct. 31.; and such books to be considered the Register of the Electors.

COMMON NOTES for the Year 1846.

Lunar Cycle, or Golden Number	-	4	Lent begins	-	-	-	Feb 25
Epact	-	-	3 EASTER DAY	-	-	-	Apr. 12
Dominical Letter	-	-	- D Rogation Sunday	-	-	-	May 17
Cycle of the Sun	-	-	- 7 Ascension Day	-	-	-	May 21
EPIPHANY	-	-	Jan. 6 WHIT SUNDAY	-	-	-	May 31
Sundays after Epiphany	-	(four)	TRINITY SUNDAY	-	-	-	June 7
Number of Direction	-	-	22 Sundays after Trinity	-	-	(twenty-four)	
SEPTUAGESIMA Sunday	-	Feb. 8	ADVENT SUNDAY	-	-	-	Nov. 29

THINGS TO BE BORNE IN MIND.

In JANUARY. That the January dividends at the Bank are payable on the 8th. That before the 8th, *Fire Insurance* policies, due at Christmas, must be paid. That *Hilary Term* begins on the 11th, ends on the 31st. That most of the *Quarter Sessions* are held in the first week of this month.

In FEBRUARY. That the 3d is Bishop Elase's holiday, the 14th St. Valentine, and the 24th is St. Matthias, and is a Holiday at several of the Public Offices.

In MARCH. Remember St. David's and St. Patrick's days. Municipal assessors appointed on the 1st; also, that Overseers are to be appointed on the 25th, and the old Overseers verify their accounts within fourteen days.

In APRIL. Returns relative to the *Assessed Taxes* are delivered early in this month. Dividends due April 5th are payable on the 8th. Fire Insurance due at Lady-day, must be paid before the 8th. That *Easter Term* begins on the 15th. *Quarter Sessions*, 1st week in this month.

In MAY. That Easter Term ends on the 8th, that the hop-duty is collected on the 15th, that the 24th is the Queen's birth-day. And remember "round about the May-pole" from the 1st to the 13th; if the May-pole is falling, subscribe for another, or apply to the Lord of the Manor, and see what he will do.

In JUNE. Overseers, on the 20th, to fix on the church-doors notices as to persons qualified to vote for counties; persons on the register need not make a new claim, unless the qualification has been changed. Drink the Queen's health again on the 20th. Trinity Term, which began May 29th, ends the 12th of this month. So farewell to the Lawyers until November. *Quarter Sessions*, the last week.

In JULY. Midsummer dividends are payable on the 8th, and Fire Insurance premiums paid before the 8th. Appraisers' licences (who are not auctioneers) to be taken out on the 5th. The 20th is the last day for sending in claims as county voters. Before this day, also, parliamentary electors, in cities and boroughs, must have paid poor's rates and window tax to the 5th of April preceding, or lose their votes for the next year. Lists of Electors to be made out by overseers on or before the 31st. St. Swithin is an old deceiver; do not regard him.

In AUGUST. Expect shooting stars about the 9th. The 2d and 9th, being the 1st and 2d Sundays, Borough and County Lists to be affixed on church-doors signed by the Overseers. Hawkers' and Pedlars' licences taken out on the 1st. All taxes and rates due March 1, must be paid on or before the end of this month by persons claiming to be enrolled as Burgesses. — *Mun. Corp. Act.*

In SEPTEMBER. On the 1st, Lists of objections to both county and borough electors to be affixed on church-doors. On the 22d, lists for the selection, by the Justices, of *Highway Surveyors* to be prepared.

In OCTOBER. Dividends due Oct. 10th are payable on the 14th. Revising Barristers to hold their courts between Sept. 15. and Oct. 21. Michaelmas *Fire Insurances* must be paid before the 13th. Bankers' Licences taken out on the 10th. *Quarter Sessions* in the first week after the 11th.

In NOVEMBER. 1st. Borough Councillors to be elected. The 1st a Holiday at some of the Public Offices. 10th. *Mayors and Aldermen* to be elected. 12th. Look out for shooting stars. 15th. Hop-duty collected, and Attorneys' certificates to be taken out. Don't let Allhallows day be quite forgotten; but forget, if you safely can, that Michaelmas Term begins on the 2d and ends on the 25th.

In DECEMBER. Forget not the Christmas festivities; nor neglect to ascertain how affairs stand with regard to your accounts, your families, your bodies, your souls. *Timi* is the most irresistible of all innovators; but if you have built on a right foundation for eternity, you need not fear him.

*A TABLE OF THE
KINGS AND QUEENS OF ENGLAND,
SINCE THE CONQUEST.*

Kings and Queens.	Born A. D.	Reigns began.	Reigned Y. M. D.	Reigns ended.	Age.	Where buried.
Will. Conq.	1027	1066 Dec. 25	20 8 15	1087 Sept. 9	60	Caen, Norm.
Will. Rufus	1057	1087 Sept. 26	12 10 7	1100 Aug. 2	43	Winchester.
Henry I.	1068	1100 Aug. 5	35 3 27	1135 Dec. 1	67	Reading.
Stephen	1105	1125 Dec. 26	18 10 0	1154 Oct. 25	49	Faversham.
THE SAXON LINE RESTORED.						
Henry II.	1133	1154 Dec. 19	34 6 18	1189 July 6	56	Fontevrault.
Richard I.	1156	1189 Sept. 3	9 7 3	1199 April 6	43	Fontevrault.
John	1165	1199 May 27	17 4 23	1216 Oct. 19	51	Worcester.
Henry III.	1207	1216 Oct. 28	56 0 19	1272 Nov. 16	65	Westminster.
Edward I.	1239	1272 Nov. 20	34 7 17	1307 July 7	67	Westminster.
Edward II.	1284	1307 July 8	19 6 12	1327 Jan. 20	43	Gloucester.
Edward III.	1312	1327 Jan. 25	50 4 27	1377 June 21	65	Westminster.
Richard II.	1366	1377 June 22	22 3 7	1399 Sept. 29	33	Westminster.
THE LINE OF LANCASTER.						
Henry IV.	1367	1399 Sept. 30	13 5 20	1413 Mar. 20	46	Canterbury.
Henry V.	1389	1413 Mar. 21	9 5 10	1422 Aug. 31	33	Westminster.
Henry VI.	1421	1422 Sept. 1	38 6 3	1461 Mar. 4	49	Windsor.
THE LINE OF YORK.						
Edward IV.	1442	1461 Mar. 4	22 1 5	1483 April 9	41	Windsor.
Edward V.	1471	1483 April 9	0 2 16	1483 June 25	12	Not known.
Richard III.	1443	1483 June 26	2 1 26	1485 Aug. 22	42	Leicester.
THE FAMILIES UNITED.						
Henry VII.	1456	1485 Aug. 22	23 7 30	1509 April 21	52	Westminster.
Henry VIII.	1492	1509 April 22	37 9 6	1547 Jan. 28	55	Windsor.
Edward VI.	1537	1547 Jan. 28	6 5 9	1553 July 6	16	Westminster.
Queen Mary	1516	1553 July 6	5 4 11	1558 Nov. 17	42	Westminster.
Qu. Elizabeth	1533	1558 Nov. 17	44 4 7	1603 Mar. 24	69	Westminster.
THE UNION OF THE ENGLISH AND SCOTTISH CROWNS.						
James I.	1566	1603 Mar. 24	22 0 3	1625 Mar. 27	58	Westminster.
Charles I.	1600	1625 Mar. 27	23 10 3	1649 Jan. 30	48	Windsor.
Charles II.	1630	1649 Jan. 30	36 0 7	1685 Feb. 6	54	Westminster.
James II.	1633	1685 Feb. 6	3 10 5	1688 Dec. 11	67	Paris.
William III. } Mary II. } <td>1650 1662</td> <td>1689 Feb. 13</td> <td>13 0 20</td> <td>1702 Mar. 8</td> <td>51 } 32 {</td> <td>Westminster. Westminster.</td>	1650 1662	1689 Feb. 13	13 0 20	1702 Mar. 8	51 } 32 {	Westminster. Westminster.
THE UNION OF THE TWO KINGDOMS.						
Queen Anne	1665	1702 Mar. 8	12 4 24	1714 Aug. 1	49	Westminster.
George I.	1660	1714 Aug. 1	12 10 10	1727 June 11	67	Hanover.
George II.	1683	1727 June 11	33 4 14	1760 Oct. 25	77	Westminster.
George III.	1738	1760 Oct. 25	59 3 4	1820 Jan. 29	82	Windsor.
George IV.	1762	1820 Jan. 29	10 4 28	1830 June 26	68	Windsor.
William IV.	1765	1830 June 26	6 11 25	1837 June 20	72	Windsor.
VICTORIA	1819	1837 June 20				Whom God preserve.
The COMMONWEALTH, under Cromwell and his Son, lasted from Jan. 30th, 1649, to May 29th, 1660; or 11 years 3 months 29 days.						

It was not until the reign of Elizabeth that the principle, that "*The King never dies.*" was admitted; that of hereditary right, from November, 1272.

The three longest reigns were those of *Henry III.*, *Edward III.*, and *George III.*. *Richard I.*'s body was buried at Fontevrault, his head at Rouen, and his heart at Charron, agreeably to his own directions. H. VI. dep. in 1461, d. in 1471.

John was crowned four times, viz. on May 27th, 1199; on Oct. 8th, 1200; on March 25th, 1201; and on April 14th, 1202.

Henry III. was crowned twice: viz. Oct. 28th, 1216; and May 17th, 1220.

Edward III. was King of France from January 1340 to May 1360.

Some legal documents between July 5th & 17th, 1553, refer to Jane [Grey] as Queen.

BIRTH-DAYS OF THE ROYAL FAMILY.

QUEEN VICTORIA	-	-	-	-	-	born 24 May 1819.
PRINCE ALBERT	-	-	-	-	-	born 26 Aug. 1819.
THE PRINCESS ROYAL	-	-	-	-	-	born 21 Nov. 1840.
ALBERT EDWARD, PRINCE OF WALES	-	-	-	-	-	born 9 Nov. 1841.
PRINCESS ALICE-MAUD MARY	-	-	-	-	-	born 25 April 1843.
PRINCE ALFRED ERNEST ALBERT	-	-	-	-	-	born 6 Aug. 1844.

Queen Dowager	-	-	13 Aug. 1792	Duchess of Cambridge	-	25 July 1797
King of Hanover	-	-	5 June 1771	George Frederick of Han.	27 May 1819	
Duke of Cambridge	-	-	24 Feb. 1774	George William of Camb.	26 Mar. 1819	
Duchess of Gloucester	-	-	25 April 1776	Augusta Caroline, now Duchess of Meck-		
Princess Sophia	-	-	3 Nov. 1777	lenburg Strelitz	-	19 July 1822
Duchess of Kent	-	-	17 Aug. 1786	Mary Adelaide of Camb.	27 Nov. 1833	

SOVEREIGNS OF EUROPE.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c.	VICTORIA - -	May 24 - - 1819	June 20 - - 1837
France, &c.	Louis Philippe I.	Oct. 6 - - 1773	Aug. 9 - - 1830
Russia, &c.	Nicholas - -	July 7, O. S. 1796	Dec. 1, O. S. 1825
Spain	Maria Isabella - -	Oct. 10 - - 1830	Sept. 29 - - 1833
Portugal	Maria de Gloria - -	April 4 - - 1819	May 2 - - 1826
Prussia	Frederic Wm. IV.	Nov. 15 - - 1795	June 7 - - 1840
Netherlands	William II. - -	Dec. 6 - - 1792	Oct. 7 - - 1840
Belgium	Leopold I. - -	Dec. 16 - - 1790	July 21 - - 1831
Denmark	Frederic VII. - -	Sept. 18 - - 1786	Dec. 3 - - 1839
Sweden & Norway	Oscar - -	July - - 1799	Mar. 8 - - 1844
Austria, &c.	Ferdinand - -	April 19 - - 1793	Mar. 2 - - 1835
Papedom	Gregory XVI. - -	Sept. 18 - - 1765	Feb. 2 - - 1831
Sardinia	Charles Amadeus - -	Aug. 16 - - 1800	Apr. 27 - - 1831
Naples, &c.	Ferdinand II. - -	Jan. 12 - - 1810	Nov. 8 - - 1830
Ottoman Empire	Abdul Medjid - -	April 19 - - 1823	July 1 - - 1839
Hanover	Ernest Augustus - -	June 5 - - 1771	June 20 - - 1837
Greece	Otho I. - -	June 1 - - 1815	Feb. 6 - - 1833
Bavaria	Louis Charles - -	Aug. 25 - - 1786	Oct. 13 - - 1825
Saxony	Frederick - -	May 18 - - 1797	June 6 - - 1836

TABLE TO CALCULATE WAGES.

Pr. Yr.	Per Month.	Pr. Week.	Per Day.	Pr. Yr.	Per Month.	Pr. Week.	Per Day.
£	£ s. d.	£ s. d.	s. d.	£	£ s. d.	£ s. d.	s. d.
1	0 1 8	0 0 4½	0 0½	15	1 5 0	0 5 9	0 9½
2	0 3 4	0 0 9½	0 1½	16	1 6 8	0 6 1½	0 10½
3	0 5 0	0 1 1½	0 2	17	1 8 4	0 6 6½	0 11½
4	0 6 8	0 1 6½	0 2½	18	1 10 0	0 6 10½	0 11½
5	0 8 4	0 1 11	0 3½	19	1 11 8	0 7 3½	1 0½
6	0 10 0	0 2 3½	0 4	20	1 13 4	0 7 8	1 1½
7	0 11 8	0 2 8½	0 4½	30	2 10 0	0 11 6	1 7½
8	0 13 4	0 3 0½	0 5½	40	3 6 8	0 15 4	2 2½
9	0 15 0	0 3 5½	0 6	50	4 3 4	0 19 2	2 9
10	0 16 8	0 3 10	0 6½	60	5 0 0	1 3 0½	3 3½
11	0 18 4	0 4 2½	0 7½	70	5 16 8	1 6 10½	3 10
12	1 0 0	0 4 7½	0 8	80	6 13 4	1 10 8½	4 4½
13	1 1 8	0 4 11½	0 8½	90	7 10 0	1 14 6½	4 11½
14	1 3 4	0 5 4½	0 9½	100	8 6 8	1 18 4½	5 5½

The Months in the above Table are calculated at only Twelve Months to the Year. If the yearly Wages be Guineas instead of Pounds, for each Guinea add one Penny to each Month, or one Farthing to each Week. Thus, Six Pounds per Year are Ten Shillings per Month; but, if the Wages be Six Guineas, add one Penny for each Guinea, that is, Sixpence, and it will then be Ten Shillings and Sixpence per Month. In like manner, by adding Six Farthings to each Week, the Wages will be Two Shillings and Five-pence per Week.

A plain and easy TABLE, showing the time of HIGH WATER.

NOTE.—Opposite the Moon's Age in the first column you have nearly the time of High Water at the Places specified in the several columns: * denotes a little before, † a little after.

† Baulk, Calais, Chichester, † Cromartie, * Deal, Dunkirk, Gravelines, † Greenock, Harwich, Kentish Knock, Liverpo^l, N. Foreland, Portsmouth Dock-yard, † Ramsgate, Southampton, St. Helen's,
 * Aberdeen, Bergen, * Flushing, Goodwin Sands, Gravesend, † Gore, † May Isle, † Montrose, Romney, * Nose Light, † Tay Bar.

† Amsterdam, Alne, Berwick, † Blythe, † Burnt Island, Cuckold's Point, Dunbar, Dundee, Dromhead, Eyemouth, † Hartlepool, Helena (St.), Leith Pier, LONDON BRIDGE, † Rotterdam.

Barnstaple Bar, † Bolt Head, * Donegal, * Eddystone, Falmouth, Fowey, † Millford Haven, * Morlax, Plymouth Dock-yard, † Saltee.

Achill H., Bridport, Caencale B., Carmarthen Bar, Dartmouth, † Exmouth, † Guernsey Pier, Hull, Lewis Islands, Pembroke Dock-yard, † Portland Pier, St. Malo, Swansea Bay, Torbay, † Weymouth.

† Barnmouth, Cherbourg, * Boston, * Bristol, Brehat Isle, Dudgeon Light, † Giro de Mouth, Sandy Hook, Texel (S.P.), Wextord Harbour.

Aldboro', * Amble, Beachy Off, Calf of Man, Cowes, Douglas, Dunvalk, Dungeness, * Havre, * Pentland Firth, Rye, * Stromness, Yarmouth Sands.

Cairn, Cantire (Mull), Carnarvon, * Christchurch H., Donaghadee, † Lerwick, † Needles, Rathlin I., Spithead, Texel, Wicklow.

N.B.—The Moon's Age is given in the Calendar pages.

D. 's A.	h. m.							
0 15	11 38	1 30	2 18	5 30	6 8	7 33	10 48	9 10
1 16	12 23	2 18	3 6	6 18	6 56	8 21	11 36	9 58
2 17	1 14	3 6	3 54	7 6	7 44	9 9	12 24	10 46
3 18	2 2	3 54	4 42	7 54	8 32	9 57	1 12	11 34
4 19	2 53	4 42	5 30	8 42	9 50	10 45	2 0	12 22
5 20	3 38	5 30	6 18	9 20	10 8	11 33	2 48	1 10
6 21	4 26	6 18	7 6	10 18	10 56	12 21	3 36	1 58
7 22	5 14	7 6	7 54	11 6	11 44	1 9	4 24	2 46
8 23	6 2	7 54	8 42	11 51	12 32	1 57	5 12	3 34
9 24	6 50	8 42	9 30	12 42	1 20	2 45	6 0	4 22
10 25	7 38	9 30	10 18	1 30	2 8	3 33	6 48	5 10
11 26	8 26	10 18	11 6	2 18	2 56	4 21	7 36	5 58
12 27	9 14	11 6	11 54	3 6	3 44	5 9	8 24	6 46
13 28	10 2	11 51	12 42	3 54	4 32	5 57	9 12	7 34
14 29	10 50	12 42	1 30	4 42	5 20	6 45	10 0	8 22

NOTE.—The times in the above Table, though only approximative, are usually true within half an hour.

A Table of the Equation of Time for regulating Clocks and Watches for 1846.

D.	January.	February.	March.	April.	May.	June.
1	3m fa. 50s.	13m. fa. 54s.	12m. fa. 37s.	4m. fa. 0s.	3m. slo. 2s.	2m. slo. 33s.
3	4 47	14 8	12 12	3 24	3 16	2 14
5	5 41	14 19	11 45	2 43	3 28	1 55
7	6 34	14 27	11 17	2 13	3 38	1 33
9	7 25	14 31	10 47	1 39	3 46	1 11
11	8 13	14 32	10 16	1 6	3 51	0 48
13	8 59	14 30	9 43	0 34	3 54	0 23
15	9 43	14 25	9 9	0 3	3 55	9 fa. 2
17	10 23	14 18	8 34	0 slo. 26	3 54	0 27
19	11 1	14 7	7 58	0 54	3 50	0 53
21	11 37	13 54	7 22	1 20	3 44	1 19
23	12 9	13 38	6 46	1 44	3 35	1 45
25	12 38	13 20	6 9	2 7	3 25	2 11
27	13 4	13 0	5 32	2 27	3 12	2 37
29	13 26	-	4 55	2 45	2 58	3 1
31	13 46	-	4 18	-	2 42	-

Equation of Time Table—continued.

D.	July.	August.	September.	October.	November.	December.
1	3m. fa. 25s.	6m. fa. 3s.	0m. slo. 4s.	10m. slo. 15s.	16m. slo. 15s.	10m. slo. 47s.
3	3 48	5 55	0 42	10 53	16 17	10 1
5	4 10	5 44	1 21	11 29	15 16	9 12
7	4 30	5 32	2 1	12 4	16 10	8 22
9	4 48	5 16	2 42	12 33	16 1	7 29
11	5 5	4 59	3 23	13 9	15 15	6 34
13	5 21	4 39	4 5	13 29	15 34	5 35
15	5 34	4 17	4 47	14 6	15 15	4 40
17	5 46	3 53	5 29	14 31	14 14	3 52
19	5 56	3 27	6 11	14 54	14 27	2 42
21	6 3	3 0	6 53	15 14	13 53	1 42
23	6 8	2 30	7 35	15 32	13 25	0 42
25	6 11	1 59	8 16	15 46	12 50	0 fa. 18
27	6 12	1 26	8 57	15 58	12 12	1 18
29	6 10	0 51	9 36	16 7	11 31	2 17
31	6 6	0 15	-	16 14	-	3 15

Note.—Fa. means Clock to be fast; that is, your Clock, to be right, must be so much faster than the Sun Dial—slo. that your Clock must be so much slower than the Sun Dial. See p. 27., Almanack for 1837.

To set a Clock or Watch on any Day by means of this Table:—Take out the number of Minutes and Seconds which stands against that day, and make your Clock or Watch so much faster or slower (according as the Table is marked fa. or slo.) than the time on a good Sun Dial. Thus, on January 1st, the Clock must be set 3m. 50s. faster or before the dial: on the 1st of October, it must be set 10m. 15s. slower. Correct the Watch when the Dial marks just an hour, as 9, 10, 11, 1, 2, 3, or 4 o'clock. Noon is not best, nor near Sun-rise or Sun-set.

Note.—The Sun's risings and settings, as well as all other astronomical matters in this Almanack, are now given in Common Clock Time, such as will be shown by well-regulated public clocks.

A TABLE showing the Days on which the Moon enters the several Signs of the Zodiac in 1846.

Days of Month.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	*	-	8	6	Ω	mp	△	-	~	*	8	II
2	-	8	-	6	-	mp	-	~	-	*	8	II
3	Ω	-	II	-	mp	-	-	~	-	*	8	II
4	-	II	-	-	mp	-	-	~	-	*	8	II
5	8	-	-	Ω	-	mp	-	~	-	*	8	II
6	-	-	6	-	-	mp	-	~	-	*	8	II
7	-	-	6	8	-	mp	-	~	-	*	8	II
8	-	II	-	Ω	-	mp	-	~	-	*	8	II
9	-	-	-	-	mp	-	-	~	-	*	8	II
10	-	6	-	Ω	-	mp	-	~	-	*	8	II
11	-	-	-	-	mp	-	-	~	-	*	8	II
12	-	-	-	-	mp	-	-	~	-	*	8	II
13	-	-	-	-	mp	-	-	~	-	*	8	II
14	-	-	-	-	mp	-	-	~	-	*	8	II
15	-	-	-	-	mp	-	-	~	-	*	8	II
16	-	-	-	-	mp	-	-	~	-	*	8	II
17	-	-	-	-	mp	-	-	~	-	*	8	II
18	-	-	-	-	mp	-	-	~	-	*	8	II
19	-	-	-	-	mp	-	-	~	-	*	8	II
20	-	-	-	-	mp	-	-	~	-	*	8	II
21	-	-	-	-	mp	-	-	~	-	*	8	II
22	-	-	-	-	mp	-	-	~	-	*	8	II
23	-	-	-	-	mp	-	-	~	-	*	8	II
24	-	-	-	-	mp	-	-	~	-	*	8	II
25	-	-	-	-	mp	-	-	~	-	*	8	II
26	-	-	-	-	mp	-	-	~	-	*	8	II
27	-	-	-	-	mp	-	-	~	-	*	8	II
28	-	-	-	-	mp	-	-	~	-	*	8	II
29	-	-	-	-	mp	-	-	~	-	*	8	II
30	-	-	-	-	mp	-	-	~	-	*	8	II
31	-	-	-	-	mp	-	-	~	-	*	8	II

32 PLANETARY PHENOMENA, &c. [MOORE]

MEAN TIME at GREENWICH when the PLANETS enter the several Signs of the ZODIAC in 1846.

MERCURY.

		h. m.	
January -	1st, at	0 38 aft.	☽ R
	14th, at	2 15 morn.	☿
February	7th, at	0 0 aft.	☽
	25th, at	8 36 aft.	⊗
March -	13th, at	3 27 aft.	☽
April -	1st, at	7 10 morn.	☽
	17th, at	6 19 aft.	☽ R
May -	16th, at	5 28 aft.	☽
June -	6th, at	5 14 aft.	☽
	21st, at	2 24 morn.	☽
July -	5th, at	8 58 aft.	☽
	26th, at	9 45 morn.	☿
August -	28th, at	11 51 morn.	☽ R
September	11th, at	1 5 morn.	☿
	29th, at	9 41 aft.	☽
October	17th, at	8 45 morn.	☽
November	5th, at	11 2 aft.	☽

VENUS.

January	4th, at	5 47 morn.	⊗
May -	6th, at	9 16 aft.	☽
June -	5th, at	10 10 morn.	☽
July -	2nd, at	9 10 morn.	☽
	28th, at	5 55 morn.	☽
August -	22d, at	10 0 morn.	☽
September	16th, at	0 58 morn.	☿
October	10th, at	6 53 morn.	☽
November	3d, at	6 53 morn.	☽
	27th, at	4 6 morn.	☽
December	21st, at	0 0 morn.	☿

MARS.

February	7th, at	8 18 morn.	☽
March -	25th, at	4 25 aft.	☽

h. m.

May	-	11th, at	11 23 morn.	☽
June	-	27th, at	8 51 aft.	☽
August	-	14th, at	8 12 morn.	☿
September	30th, at	4	0 morn.	☽
November	14th, at	10	48 aft.	☽
December	29th, at	9	5 morn.	☽

JUPITER.

June	-	11th, at	8 26 morn.	☽
			SATURN.	

May	-	10th, at	10 12 morn.	⊗
July	-	13th, at	9 13 morn.	☽ R

URANUS.

In ♀ during the whole year.

NOTE.—When R occurs, it shows the planet is *retrograde*, and that it enters at the terminating point of the sign against which it stands.

The Times when the PLANETS are stationary in 1846, M.T. Greenwich.

January	7	9 morn.	☽ R. S. D. in ♀
February	7	4 aft.	☽ D. S. R. in ♀
March -	21	7 aft.	☽ R. S. D. in ♀
April -	9	4 morn.	☽ D. S. R. in ♀
May -	1	5 aft.	☽ R. S. D. in ♀
June -	12	1 morn.	☽ D. S. R. in ♀
July -	20	11 morn.	☽ D. S. R. in ♀
August	11	8 morn.	☽ D. S. R. in ♀
September	3	5 aft.	☽ R. S. D. in ♀
October	5	1 aft.	☽ D. S. R. in ♀
	29	8 morn.	☽ R. S. D. in ♀
December	2	7 morn.	☽ D. S. R. in ♀
	20	6 morn.	☽ R. S. D. in ♀
	22	2 morn.	☽ R. S. D. in ♀

TWELVE INSTRUCTIVE AXIOMS FOR MY READERS.

1. Whatever your profession is, endeavour to acquire merit in it; for merit is esteemed by every body, and is so precious a thing that no person can purchase it.
2. Of this be certain, that no trade can be so bad as none at all, nor any life so tiresome as that which is spent in continual visiting and dissipation. To give all one's time to other people, and never reserve any for one's self, is to be free in appearance only, and a slave in effect.
3. Though your profession should not lead you to study, love and respect people of letters; and if you are not learned yourself, esteem those who are so.
4. Be easy of address, and courteous in conversation, and then every body will think it a pleasure to have any dealing with you.
5. Have the same regard for all the world that you would wish them to have for you.
6. By honesty and integrity you will gain credit every where, and your word will be thought more valuable in any business you may be concerned in than all the lawyers' bonds in the world.
7. You will find no greater enemy than yourself, if you suffer your passions to govern you.
8. Receive your relations and friends with a smiling and engaging air; if you do otherwise, you lose the pleasure of seeing them.
9. Never make confidants of any but such as are distinguished for their merit, sense, and probity. Look upon them as the only stars capable of lighting you through the darkness which the affairs of the world will spread over the various incidents of your life. Consider all others as wandering stars, which make a great show, but fall all at once.
10. Modesty in your furniture, equipage, and words, will show that your mind is well regulated, and your heart free from passion.
11. If you wish to be happy in the world, and esteemed by every body, fear God, be faithful to your sovereign, and live according to the strictest rules of honesty and probity.
12. If a man advance three steps to do you a kindness, fail not to advance six to testify your gratitude.

STAMP DUTIES.

RECEIPTS.		s. d.	BONDS AND MORTGAGES. £ s.
If £5 and under £10	-	0 2	For any Sum not above £50 - 1 0
10 ditto	20	0 6	£50 and not above £100 - 1 10
20 ditto	50	1 0	100 ditto 200 - 2 0
50 ditto	100	1 6	200 ditto 300 - 3 0
100 ditto	200	2 6	300 ditto 500 - 4 0
200 ditto	300	4 0	500 ditto 1,000 - 5 0
300 ditto	500	5 0	1,000 ditto 2,000 - 6 0
500 ditto 1,000	-	7 6	2,000 ditto 3,000 - 7 0
1,000 and upwards	-	10 0	3,000 ditto 4,000 - 8 0
Any sum, if in full	-	10 0	4,000 ditto 5,000 - 9 0
The Stamp to be paid by the Person giving the Receipt.	-	-	5,000 ditto 10,000 - 12 0
Receipt Stamps necessary if money be paid by Promissory Notes, &c.	-	-	Bonds of Indemnity - - 1 15

BILLS & PROMISSORY NOTES.

Payable on Demand or at Other-
not exceeding 2 mo. alter wise
date, or 60 days aft. sight. payab.

£ s.	£ s. s. d.	s. d.
If for 2 0	5 5 1 0	1 6
Above 5 5	20 0 1 6	2 0
20 0	30 0 2 0	2 6
30 0	50 0 2 6	3 6
50 0	100 0 3 6	4 6
100 0	200 0 4 6	5 0
200 0	300 0 5 0	6 0
300 0	500 0 6 0	8 6
500 0	1,000 0 8 6	12 6
1,000 0	2,000 0 12 6	15 0
2,000 0	3,000 0 15 0	25 0
3,000 0	25 0 30 0	-

Penalty for post-dating Bills, £100.

LEASE FOR A YEAR.			
Where the Purchase Money shall not amount to £20	-	-	£ s.
£20 and not amount to £50	-	-	0 10
50 ditto	150	-	0 15
150 or upwards	-	-	1 10

MORTGAGES, the same Duty as on Bonds.

LEGACIES OF £20 AND UPWARDS.			
To Children or Parents	and their Brother or Sister	descend-ants.	12 per cent.
1,000 0	8 6	12 6	3 do.
2,000 0	12 6	15 0	5 do.
3,000 0	15 0	25 0	6 do.
25 0 30 0	-	-	All other Relations or Strangers 10 do.
			Husband, Wife, and Royal Family exempted.

TRANSFERS AND DIVIDENDS IN THE FUNDS.

Name of the Stock.	Days of Transfer.	Payable.	Hours.
BANK Stock	Tu W Th F	-	Hours for buying, selling, and transferring, from 11 to 1; for accepting, from 9 to 3; for payment of Dividends, from 9 to 3 every day. No transfer business after 1 on Saturdays.
3 per cent. Reduced	Tu W Th F	April 8.	
3 1/4 per cent.*	Tu W Th F	and	
Long Annuities	M Tu W Th F	Oct. 14.	
3 per cent. Consols	Tu W Th F	Jan. 8.	
Ditto, 1726	Tu W Th F	and	
New 5 per cent.	Tu W Th F	July 8.	
Ann. to Jan. 1860	Tu W Th F	July 8.	
SOUTH SEA Stock	M W F	Jan. 8.	Hours of Transfer, from 12 to 1; for receiving Dividends, from 9 to 2.
3 per cent. New Ann.	Tu Th S	and	
3 per cent. 1751	Tu Th S	July 8.	
INDIA Stock	Tu Th	Jan. 5, July 5.	
India Bonds	-	Interest due, Mar. 31, Sept. 30.	

* This Stock is 3 1/4 per cent. till Oct. 1854; then it will be New 3 per cents., not redeemable till 1874.

Private Transfers may be made at other times than as above, by paying 2s. 6d. extra at the Bank and India House, and 3s. 6d. extra at the South Sea House.

HOLIDAYS AT THE BANK.

There are now only four, viz. Christmas Day, Good Friday, May 1., and Nov. 1. Of these the first two only are observed at the Dividend Office.

Years of
Christ.

Chronology OF REMARKABLE OCCURRENCES.

1066	Norman Conquest.	1805	Battle of Trafalgar.
1116	First Parliament of two Houses.	1805	Deaths of Mr. Pitt and Mr. Fox.
1185	Ireland conquered by the English.	1807	English take Copenhagen; Treaty of Tilsit; Portuguese government emigrate to the Brazils; Gas Lights instituted.
1304	Edward I. reduced Scotland.	1809	Jan. 16, Battle of Corunna.
1369	Wycliffe began the Reformation.	1812	Moscow burnt.
1492	Columbus discovered America.	1813	War with America; Revolution in Holland; Pr. of Orange recalled.
1584	Sir Wal. Raleigh discovered Virginia.	1814	Severe Frost; Allies invaded France; Capitulation of Paris; Buonaparte abdicated, & went to Elba; Emperor of Russia, King of Prussia, &c., visited London; Peace proclaimed.
1588	Spanish Armada destroyed.	1815	Buonaparte returned to France; BATTLE OF WATERLOO; Surrender of Paris; Return of Louis XVIII.; Buonaparte exiled to St. Helena, where he died May 5, 1821.
1603	Plague in London; died 56,570.	1816, 1817, 1819	Vauxhall, Waterloo, and Southwark Bridges opened.
1605	Popish Gunpowder Plot, Nov. 5.	1820	GEORGE III. died, Jan. 29.
1610	Jupiter's Satellites discovered.	1825	South America independent.
1611	New Translation of the Bible, by Royal Authority.	1825	Independ. of Hayti acknowledged.
1614	New River brought to London.	1827	Battle of Navarino, Oct. 20.
1616	Shakspeare died.	1828	Repeal of Test & Corporation Acts.
1625	Plague in London; died 31,517.	1829	Apr. 13, Catholic Relief Bill passed.
1632	Fire on London Bridge, Feb. 11.	1830	June 26, GEORGE IV. died, aged 68.
1649	King Charles I. beheaded, Jan. 30.	1830	July, Algiers taken by the French.
1653	Cromwell made Protector, Dec. 12.	1830	July 27, Revolution in France; abdication of Charles X.; the Duke of Orleans declared King; Revolution at Brussels.
1655	George Fox, first of the Quakers.	1831	July 21, Leopold, of Saxe Coburg, installed King of the Belgians.
1658	Oliver Cromwell died, Sept. 3.	1831	July 21, Emperor of Brazil abdicated.
1660	Charles II. restored, May 29.	1831	Aug. 1, London Bridge opened; first stone laid June 1, 1825.
1662	Royal Society instituted.	1832	March 21, General Fast on account of the Cholera.
1666	Burning of London, Sept. 2.	1832	Reform of Parliament Bills passed.
1669	Royal Exchange first opened.	1833	Prince OTTO, of Bavaria, chosen King of Greece; Don Pedro invaded Portugal; Slave Emancipation Bill passed.
1670	Prince of Orange arrived.	1835	Sept. Municipal Corporations Act.
1672	Halfpence & farthings first coined.	1836	New Marriage Act passed.
1677	Pr. of Orange married Prs. Mary.	1837	WILLIAM IV. died June 20.
1678	The Popish Plot discovered.	1838	Jan. 10, Royal Exchange burnt.
1679	The Habeas Corpus Act passed.	1838	June 28, Queen VICTORIA crowned.
1688	7 Bishops sent to the Tower, June 8.	1840	Feb. 10, Queen m. to Prince Albert.
1688	Pr. of Orange land. at Torbay, Nov. 4.	1841	Sovereignty of New Zealand claimed.
1688	King James II. abdicated, Dec. 12.	1842	May 5, A Fire at Hamburg, destroying one third of the City and three Churches.
1689	William & Mary crowned, Apr. 11.	1843	Feb. 8 & 9. Destructive Earthquake at St. Domingo, Guadalupe, and other West India Islands.
1693	Bank of England established.	Sept. 3.	Queen Victoria visited the King of the French at Eu; quitted France on the 7th, on a visit to King Leopold, and re-embarked at Antwerp on the 15th.
1704	Gibraltar taken by Sir Geo. Rooke.	1845	Aug. 9. Embarked at Woolwich on a visit to Germany, and returned Sept. 10.
1707	England & Scotland united, May 1.		
1727	Sir Isaac Newton died, March 20.		
1727	Earthquake in several parts of England.		
1745	A Rebellion in Scotland.		
1746	Battle of Culloden, April 16.		
1750	Westminster Bridge finished.		
1752	Style and Calendar altered, Sept. 2.		
1755	Lisbon destroyed by an Earthquake.		
1765	General Warrants declared illegal.		
1775	American War declared, Aug. 23.		
1776	Americans declare their Independ.		
1778	War against France.		
1779	War against Spain.		
1780	War against Holland.		
1783	A General Peace. — Fiery Meteor passed over England, Aug. 18.		
1784	Establishment of Mail Coaches.		
1792	France a Republic.—King of Sweden shot by Ankerstrom.		
1793	King & Queen of France guillotined.		
1796	Great Earthquake at Lisbon.		
1797	Ireland invaded by the French; Suspension of Cash Payts. at the Bank.		
1798	Battle of the Nile, Aug. 1.		
1799	Buonaparte made First Consul.		
1801	Union with Ireland.—General Peace.		
1801, 1802, 1804.	The Planets Ceres, Pallas, and Juno, discovered.		
1803	War with France renewed, after a peace of 14 months.		
1804	Buonaparte made Emperor.		

AN ACCOUNT OF

THE ECLIPSES OF THE SUN AND MOON,

*And other Appearances in the Heavens, in the year 1846,
the Result of careful Calculations from the most correct
and approved Data relative to the Celestial Bodies.*

ALMIGHTY POWER ! amazing are thy ways,
Above our knowledge, and above our praise :
How all thy works thy excellency display,
How fair, how great, how wonderful are they.
Thy hand yon wide-extended heaven uprais'd,
Yon wide-extended heaven with stars emblaz'd ;
Where each bright orb since Time his course begun,
Has roll'd a mighty world, or shin'd a sun :
Stupendous thought ! how sinks all human race,
A point, an atom in the abyss of space !

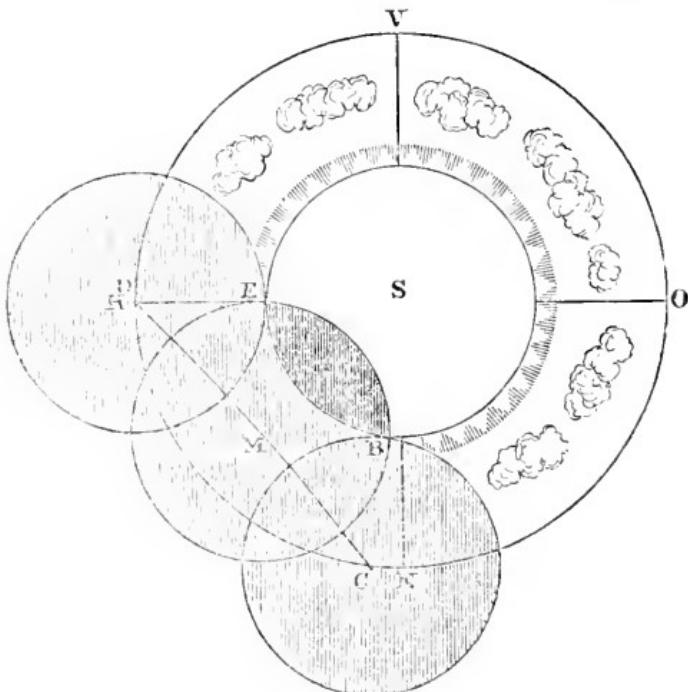
ALTHOUGH the Earth and the Planetary Bodies of our Solar System perform their respective periods round the Sun in nearly equal times, yet nevertheless, from the elliptical figures of their orbits, and their mutual attractions, their motions are far from being equable; and when these bodies are viewed from the Earth, this inequality becomes still more apparent, as in that case they are sometimes *direct*, sometimes *stationary*, and at other times *retrograde*. But as regards our satellite the Moon, her nearness to the Earth renders her orbital inequalities more apparent than that of any other of the heavenly bodies ; she has besides a considerable parallax, which causes her place in the heavens, as seen from the surface of the earth, to be very different from that in her orbit, or when viewed from the centre of our globe. For these reasons, the computations of Solar Eclipses and Occultations of the Stars are attended with considerable labour and difficulty.

In reference to the present Year, I find there will be only two Eclipses, and both of the Sun ; they will be central in the tropical regions, but in very high latitudes no privation of light will be observed ; yet in one of these conjunctions a portion of the Moon's penumbra passes over the islands of *Great Britain* and *Ireland*, causing a small obscuration on the southern part of the Sun's disc.

The first of these Solar defects is the visible Eclipse alluded to, and will happen on *Saturday* the 25th of *April*, in the afternoon. The following Instants are given in Mean or clock time, according to the respective meridians :—

Eclipse of the Sun April 25th, P. M.	Beginning.	Greatest Obscuration.	End.	Magnitude.
	h. m. s.	h. m. s.	h. m. s.	dig. '
Greenwich - - -	5 31 42	6 13 48	6 54 0	3 19 26
Edinburgh - - -	5 19 18	5 55 42	6 30 36	2 16 48
Dublin - - -	5 3 42	5 46 12	6 26 36	3 7 12

The following Type represents the Eclipse at *Greenwich*: here we have V N a vertical, and H O a horizontal line, passing through S the Sun's centre; C M D the curve described by the Moon's centre; B the point where the dark body of the Moon makes the first visible impression on the Sun's periphery, where the Eclipse begins, and E the same where it ends: the former is 174° , and the latter 89° from the Sun's vertex towards the left.



Note.—Those of my readers who are not provided with telescopes, having dark glasses for viewing the sun, will find a piece of common window-glass, smoked over the flame of a candle or lamp, an excellent and safe medium, through which to observe this phenomenon.

As respects the more general appearance of this Eclipse, I find that the penumbral shade will first touch the surface of our globe in the *South Pacific Ocean*, considerably to the west of the *Gallapagos Isles*, in lat. $6^\circ 15' S.$, and long. $119^\circ 40' W.$, at 2h. 2m. P.M., mean time at *Greenwich*, while the Sun is in the horizon of that part of the world. The obscuration, now rapidly

extending itself over the illuminated disk of the Earth, will at 3h. 3m. produce a central eclipse, in lat. $2^{\circ} 11' S.$, and long. $135^{\circ} 51' W.$, in the same abyss of waters. The central line, now making its way eastward, enters on the continent of *America*, near *Mexico*, and winding its way across that region arrives at the western boundaries of the *North Atlantic Ocean*, near the *West India Islands*: and in lat. $25^{\circ} 21' N.$, and long. $74^{\circ} 31' W.$ of *Greenwich*, the Sun will be centrally eclipsed at noon-day, but not totally; a very narrow rim of solar light will, for a moment or two, encompass the Moon's dark body on every side. This takes place, according to our time, at 4h. 56m. P.M. The central tract, next, after passing through the *Canary Islands*, enters *Africa*, near the coast of *Morocco*, and soon afterwards leaves the Earth with the setting sun, in lat. $24^{\circ} 56' N.$, and long. $3^{\circ} 43' W.$ at 6h. 38m. But the Sun will continue to be partially eclipsed till 39 min. after our 7 o'clock in the evening, when the last portion of the penumbra will become a tangent to the Earth, in the *North Atlantic Ocean*, near *Cape Blanco*, a promontory of *Africa*, 180 miles north of *Senegal River*, lat. $20^{\circ} 52' N.$, and long. $20^{\circ} 4' W.$.

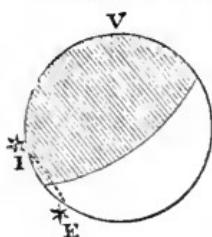
The second and last of these Solar Eclipses is another annular one, on the morning of *Tuesday*, the 20th of *October*, but invisible to us. The general Eclipse begins at 4h. 47m. A.M., in lat. $9^{\circ} 50' N.$, and long. $16^{\circ} 21' E.$, near the southern borders of *Negroland* in *Africa*; but the central obscuration will not touch the Earth till 5h. 52m. A.M., which will be the time of sun-rising in lat. $6^{\circ} 44' N.$, and long. $0^{\circ} 32' W.$, towards the south-west of *Benin*, near the coast of *Guinea*, in *Africa*. Leaving this point, it passes through *Africa*, and across the northern parts of *Madagascar*, into the *Indian Ocean*, where, at 7h. 50m., in lat. $19^{\circ} 22' S.$, and long. $58^{\circ} 41' E.$, the Sun will be centrally eclipsed on the meridian. The track of central appearance, tending easterly, enters on the western shores of *Australia*, in lat. $26^{\circ} S.$, and passing on, I find it leaves the Earth at 9h. 39m. A.M., *Greenwich* mean time, in lat. $23^{\circ} 51' S.$, and long. $126^{\circ} 5' E.$ After this the penumbral shade gradually becomes more and more contracted, and at 10h. 44m. it finally disappears with the setting sun, in the *Indian Ocean*, in lat. $20^{\circ} 47' S.$ and long. $109^{\circ} 6' E.$

LUNAR OCCULTATIONS.

From the retrogression of the Lunar nodes through the ecliptic, the Moon's apparent position becomes such, with respect to the Stars and Planets which lie near her path, combined with her diurnal situation relative to the different parts of the Earth, as at times, under the co-operation of these circumstances, to hide such stars and planets from our view. The following are the most important occultations of this kind that will happen in *England* during the present Year.

The first of these occultations that I shall here notice is of the star *Epsilon* in *Taurus*, and which happens in the afternoon of the 8th of *January*; the Immersion taking place at 5 o'clock exactly, and the Emersion of the star from behind the Moon will be at 6h. 4m.

The next occultation is rather an interesting one of the planet



Mars: it happens in the night of *Sunday, February 1st*; and if the air be clear at the time, the appearance at *Greenwich*, and places near, may be expected to agree with the annexed Type, where the point of Immersion is at *I*, and that of Emersion is at *E*; both to the left of *V*, the vertex of the Moon's periphery. Immersion of the planet behind the dark border

of the Moon at 10h. 3m., and Emersion from her light edge at 10h. 23m.

The third occultation is of *Epsilon* in *Taurus* again, a star of the fourth magnitude, and happens on the 5th of *February*. Immersion 1h. 7m., and Emersion 1h. 53m. morning.

The fourth is an occultation of *Beta* in *Scorpio*, a star of the second magnitude, and takes place on the 19th of *February*, soon after the Moon enters on her last quarter. Immersion 5h. 14m., and Emersion 6h. 27m. morning. See fig. 2. on this page.

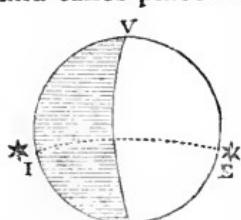
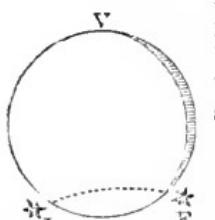
The next occultation is of *Beta* in *Scorpio*, again; and happens on the 12th of *May*, very early in the morning. Immersion 36 min. before one o'clock, and Emersion 1h. 18 m.—Note. Through a good telescope this appears a pretty double star. Fig. 3.

The sixth occultation is rather a remarkable one of that bright star of the first magnitude, in *Virgo*, called *Spica Virginis*, or the *Virgin's Spike*, and takes place on the evening of *July 2d*, when the disappearance of the star on the dark border of the Moon will be at 8h. 13m.; and the re-appearance of the same, from the light edge of the Moon, will be at 9h. 28m. Fig. 4.

The seventh occultation which I shall record is of a star of the fourth magnitude, called *Nu* in *Scorpio*, and happens *July 5th*, in the night. Immersion 10h. 55m., and Emersion 11h. 36m.

The eighth is a star of between the third and fourth magnitude, called *Beta* in *Capricornus*, on the 23d of *November*, in the evening. Immersion 5h. 17m., and Emersion 6h. 29m.

The ninth and last occultation is of *Delta* 1st in *Taurus*, a



star of the fourth magnitude, and happens on the 29th of *December*, in the evening, when the star vanishes at the Moon's eastern edge at 6h. 55m., and becomes again visible at the western limb of the Moon at 7h. 44m.

CELESTIAL PHENOMENA.

The Times when the Planets are in the most favourable Positions for Telescopic Observation; together with other interesting particulars pointed out relative to these Celestial Bodies.

♀. MERCURY, of all the known Planets, is the nearest to the Sun, its angular distance from that luminary never exceeding 29 degrees. For this reason, and the smallness of its disc, it is but seldom seen, and then only when at or near its greatest elongation. Accordingly, I find we may expect to have a sight of this fickle planet in the evening, when near the western horizon, about *March* 30th, *July* 28th, and *November* 22d, and in the morning, near the eastern horizon, about *January* 18th, *May* 16th, *September* 10th, and *December* 31st.

♀. VENUS will be a striking object in the west during the evenings of *January* and the first half of *February*; and through a telescope will appear a beautiful crescent, like the Moon a few days after the change. From the beginning of *July* to the end of *September* she will deck the eastern part of the heavens with her brilliant rays before sun-rise. On the 7th of *July* this planet will be in conjunction with *Jupiter*, and on *September* 14th with *Regulus*.

♂. MARS is to be seen in the evenings of the first five months of this year, and in the mornings of *November* and *December*. He will appear very near *Jupiter* on the 16th of *February*, the Pleiades on the 19th of *March*, *Spica Virginis* on *October* 31st, *Alpha* in *Libra* on the 4th of *December*, and on the last day of the same month will appear in the neighbourhood of *Beta* in *Scorpio*. This planet is distinguishable from all others by his sanguine appearance.

♃. JUPITER is a splendid object in the evenings of *January*, *February*, *November*, and *December*, and in the mornings of *August*, *September*, and *October*. At these times, through a powerful telescope and clear atmosphere, the belts of this planet, its moons, with their configurations, eclipses, occultations, transits, and other phenomena, must prove highly gratifying to the young astronomer.

♄. SATURN will be in opposition to the Sun on the 20th of *August*, and from that time to the end of the year he will be favourably situated for telescopic observation. Indeed, this planet, owing to his great distance from the Sun, undergoes but little change in his apparent diameter from the variable position

of the earth in its orbit : the difference between ϑ and ϕ being only $3\frac{1}{2}''$. Hence, at any time in the absence of the Sun, and not too near ϕ , with a sufficient elevation above the vapours of the horizon, he may be satisfactorily observed with a good and powerful telescope.—The ancient name of *Saturn* was *Chronos*, time ; so named from the slowness of his motion : he was also called *Phænon*, shining or appearing, which denomination is rather singular, *Saturn* not being the most brilliant of the planets. This name may be accounted for from the ancients, who regarded this planet as of evil omen, from its leaden hue and remote situation : their custom was to propitiate the smiles of fortune, by giving flattering names to those influences they deemed prejudicial. Among the Jews this planet is supposed to be the one referred to in the sacred writings as *Chinn*, or “*Remphan*, the star of your God.” *Saturn* is also called *Remphan* in the Persian language ; and among the Chinese, *Tu*, or *Tien*, earth ; a reference, probably to his inferior brightness.

H. URANUS will be in opposition to the Sun on the 5th of *October*, and from that time to the end of the year may be observed in the evenings, by means of a good telescope. On the 1st of *January* he is in ϕ with *Mars*, appearing less than a degree to the south of that planet.

The Sun, with his surrounding planets, and the rest of the shining host of heaven, together with the phenomena of nature in connection with our interesting globe of earth and water, in its diurnal and orbital motions, give us exalted conceptions of the Divine Creator !

Thus, Lord, the wonders of earth, sky, and air,
Thy boundless wisdom and thy grace declare :
Thou, high in glory and in might serene,
See'st, and mov'st all—thyself unmov'd, unseen :
Should men and angels join in songs to raise
A grateful tribute equal to thy praise,
Yet far thy glory would their praise outshine,
Though men and angels in the song combine.
For though this earth with skill divine is wrought,
Though wondrous far beyond the reach of thought ;
Yet in the spacious regions of the skies,
New scenes unfold, and worlds on worlds arise ;
There other orbs round other suns advance,
In ether float, and lead the mystic dance :
And yet the power of thy Almighty Hand
Could build another world from every sand !

METEOROLOGICAL OBSERVATIONS, ETC.

Relating to the Year 1844; with some Remarks on the BAROMETER, THERMOMETER, ETC.

COURTEOUS READER,

I HOPE that the hint I offered in my last year's Almanack, relative to the utility of regarding the past, may have had its effect in rendering the following as acceptable for the like purpose, and

whereby my readers may judge how far the predictions held good.

Extracts from a Meteorological Journal kept at *Thwaite* in *Suffolk*:—

JANUARY proved a very seasonable month, with snow on the 1st and 10th days, and sharp frosts on the 2d, 3d, 15th, 16th, 17th, and 25th: the remainder of the month variable, with little rain:—lowest state of the thermometer, 24° . FEBRUARY was frosty nearly throughout, and sometimes severe, with rimes; and very little rain till after the 23d. On the 13th, thermometer 20° ; and on the 23d, 22° . Much snow on the 4th, 21st, and 23d; and heavy rain on the 25th. The month ended stormy, with thunder and hail on the 26th, and the barometer fell to 28.76° ! MARCH was exceedingly stormy to the 24th, with gales and rain, and occasional frosts: much snow and hail from the 6th to the 12th. A most striking change after the 24th; fair and bright to the end, commencing the remarkable drought. Thermometer on the 25th and 29th at 61° . APRIL was a truly magnificent month; constant sun and summer skies throughout, and the heat unusually great at times. On the 2d and 4th the thermometer was at 70° ; on the 10th, 74° ; and on the 26th, 78° ! Some thunder on the 4th and 26th in the evening. MAY was also very dry and parching, and at times very hot: on the 8th, thermometer 77° . Some cooling gales from N. E. towards the end. The pastures suffered much for want of rain. There was a remarkable haze (like that of the hot summer of 1783), producing a cream-coloured sky, during the former half of May 1844, and the sun's rays appeared of a rusty red upon all objects! JUNE was intensely hot, and severely parching to the 25th day, and the heat on several days was even beyond what is common in our climate! On the 13th, thermometer 87° ; on the 23d, 89° ; and on the 24th at 92° ! This was succeeded by a thunder-storm in the evening, and great hail, with serious damage; and on the 25th a very great rain, which was a needful supply after the severe drought of 13 weeks past! JULY was close and sultry, with refreshing showers during the former half, and severe thunder-storms on the 18th day. From the 20th to the 29th very fine, bright, and excessively hot; the thermometer chiefly above 80° ; and on the 22d, 85° : on the three following days nearly as high; and the month closed with more growing showers. This month was the giver of all comforts upon our lands, and so rapid a change was scarcely ever seen as was effected at this time by the bountiful showers after a long drought. AUGUST was unsettled and showery till the 15th, and thunder on the 3d, 4th, 5th, and 12th, in many places: afterwards very fine for the harvest, which was abundant and well secured. The last week of the month very bright and hot. Thermometer 77° on the 29th day. SEPTEMBER came in

very hot and clear : thermometer 80° on the 1st, and 79° on the 6th. Again, on the 8th it was $78\frac{1}{2}^{\circ}$. Much vivid lightning and thunder on the 5th and 8th at night. To the 16th mostly fair and close. Severe thunder-storms on the 17th, and showers to the 23d ; afterwards again fair and hot. OCTOBER was very warm, and chiefly fine, to the 14th day ; the thermometer 68° on the 3d, and 64° on the 13th ; then rainy to the 26th ; afterwards fine to the end. NOVEMBER began fine, with a dry east wind ; but from the 2d to the 13th very wet, afterwards very fine, and mild for the season. On the 26th it became frosty, introducing the severe winter which followed. DECEMBER was very cold throughout, with dry easterly winds and continued sharp frost. The roads were dusty and the fields dry the greater part of the month. A little snow on the 3d, 9th, 11th, and 13th. Thermometer 22° on the 6th day, and often nearly as low. Note.—The 13th of February and 6th of December were the coldest days in the year ; and the hottest were the 23d and 24th of June ; but some days in July were nearly as hot. The heat, at Thwaite, was the greatest this year (1844) that had been known there for 36 years !

To the preceding I shall now add some remarks taken from a journal of the weather kept at Epping in Essex :— Though January was not, on the whole, a very cold month, yet we had some very low temperatures at times ; for instance, on the morning of the 3d the minimum was 15° , and again on the morning of the 16th it was at 19° . Between the 12th and 13th there fell $1\cdot34$ inch of rain. February was cold, with a considerable fall of snow in the early part of the month,—minimum temperature 16° ; the barometer was also very low at times : thunder on the 26th. March, about the medium temperature of the month : some snow and sleet as usual. April was dry and warm, the thermometer sometimes between 70° and 80° in the shade. May was also a dry month, and on the whole about the mean temperature : on the morning of the 18th there was ice of considerable thickness ! June : there were some warm days this month ; on the 23d, at 8 A.M., 70° , and at the same hour on the 24th, 76° : the maximum for the month about 84° . July : the mean temperature of this month about 1° above the mean of the same for the last 24 years. August was nearly 3° below the mean daily temperature for the month, and the extremes not great. The wheat was heavy in the ear, and the harvest was soon finished, though some interruptions from showers. September was rather above the mean temperature of this month for the last 24 years. The farmers busy with their second crop of hay ; the first being very short from the dryness of the spring. Rain heavy on the 17th, with hail and thunder. October was in general very wet : between the 15th and 16th there fell $2\cdot026$ inches of rain ; thunder on the former

day : on the 8th, in low and damp situations, some dahlias were cut down by the frost: minimum temperature 34° . November was very wet during the first half of the month; the latter part mostly dry and cold: minimum temperature on the 27th and 28th as low as 23° . December was very cold, the thermometer being near the freezing point on most days, even at its maximum. The minimum on the 6th was 13° , 7th 18° , 8th 20° ; besides there were other low minima. The mean temperature of December, at 8 A.M., for the last 24 years = 37.7° , in the present year = 31.387° !

Depth of Rain at Epping in Quarterly periods.

Inches.

From Dec. 25th, 1842, to March 23d, 1843, or				
Christmas Quarter	-	-	-	3.934
Lady-day Quarter [1843]	-	-	-	10.293
Midsummer Quarter	-	-	-	6.555
Michaelmas Quarter	-	-	-	9.076
<hr/>				
From Dec. 25th, 1843, to Lady-day, 1844				8.483
Lady-day Quarter	-	-	-	0.984
Midsummer Quarter	-	-	-	8.510
Michaelmas Quarter	-	-	-	8.773

The most striking difference in these quarters of the two years is the Lady-day quarter; that of 1843 exceeding the same in 1844 by 9.309 inches. Hence there fell in the Lady-day quarter of 1843, 3899.373, or nearly 3900 hogsheads, more rain per acre than the same quarter of 1844!

Judicium Astrologicum, pro Anno 1846.

VOX CÆLORUM, VOX DEI: The Voice of the Heavens is the Voice of God. He speaketh in all the Changes of the Seasons and of the Times.

MY WORTHY FRIENDS AND COUNTRYMEN,

He, who rules the hosts of heaven, telleth the number of the stars, calleth them all by their names, and appoints them for signs and seasons, and to operate on all organised and unorganised bodies,—does by his all-wise, all-gracious, and all-mysterious Providence direct human operations in such a way as to bring about his own purposes and designs, so that he causes both the virtues and vices of mortals to exhibit his glory; at the same time leaving man a moral agent, or accountable for his actions, whether good or bad. This is hard to be believed by infidels, I know; and also by some, who are called Christians;—nevertheless it is supportable by Scripture, which ought in these matters to be our only guide, and not the opinions of men. Read the account of *Pharaoh*, in the book of *Exodus*, and also take notice

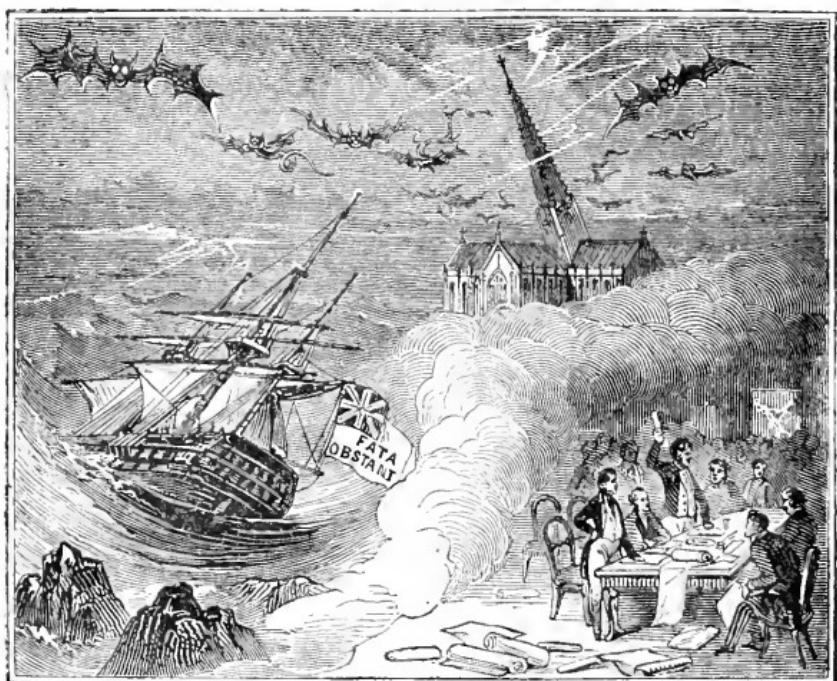
of St. Paul's remark,—*For the Scripture saith unto Pharaoh, Even for this same purpose have I raised thee up, that I might shew my power in thee, and that my name might be declared throughout all the earth.* Rom. ix. v. 17.

What I named last year will not be overlooked by you this year. In casting your eyes over nations and empires, you will have cause to acknowledge Divine Retribution in many striking instances ere 1846 is numbered with the years for ever gone.

Yet while on earth triumphant vice prevails,
Celestial Justice balances her scales ;
With eye umbias'd all the scene surveys,
With hand impartial every crime she weighs ;
Oft close pursuing at his trembling heels,
The man of blood her awful presence feels ;
Oft from her arm, amidst the blaze of state,
The regal tyrant, with success elate,
Is forc'd to leap the precipice of fate ! }
Or if the villain pass unpunish'd here,
'Tis but to make the future stroke severe ;
Or soon or late eternal Justice pays
Mankind the just desert of all their ways ! }

I now present my annual Hieroglyphic : its interpretation is in the womb of Time.

THE HIEROGLYPHIC.



Astrological Judgment of the Four Quarters of the Year, 1846.

Of the Winter Quarter, called the Brumal Ingress.

From accurate computations of the orbital motion of the earth, I find that this Quarter begins on *Sunday*, the 21st of

Deeember, at 27 minutes past 10 o'clock at night, when the 13th degree of $\text{M}\varphi$ will be on the angle of the ascendant, and the 8th degree of II that of culmination: at the same time we find that *Luna* will be in the first mundane house, *Sol* and *Mercury* in the fourth, *Saturn* and *Venus* in the fifth, *Mars* in the seventh, *Jupiter* and *Uranus* in the eighth; forming the following zodiacal aspects:— $\text{O} \varphi \text{h}$; $\square \odot \text{d}$; $\Delta \odot \text{y}$; $\square \odot \text{D}$, and $\text{g} \text{D} \text{d}$. With respect to this dull quarter of the year, I may just remark, that it is clear that there will be not much of novelty as to matters of state, at least in this country. People in general will be cutting and contriving means to support themselves and their families, and to meet the demands of the tax-gatherer. We were told that our glorious victories would in a great measure relieve us from the latter burden; nevertheless we have since found out that these, and many other promises, were mere delusions, propagated for the purpose of flattering our vanity, and thereby rendering the means more easy for raising money to carry on a contest, solely in favour of regal dignity. I have also to observe, that while old gloomy Winter with tardy steps moves along, many a deed of darkness will be perpetrated, notwithstanding the outward displays which will be made in favour of virtue, and the boast which some people will make of their religion: but if their's be not the religion of the New Testament, what will it avail them? Religion, alas! is too often used as a cloak for vice! The greatest exhibition of wickedness is to render evil for good. An old author very justly remarks,—
To render good for evil is God-like; to render good for good is man-like; to render evil for evil is beast-like; to render evil for good is devil-like.

Of the VERNAL or SPRING Quarter of 1846.

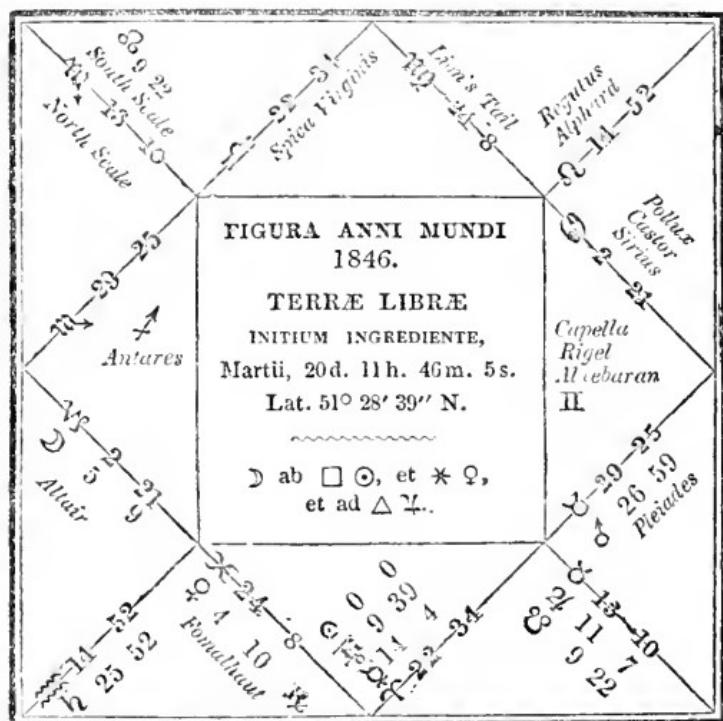
Hail, welcome Spring!—
 For thee the fragrant zephyrs blow,
 For thee descends the sunny shower;
 The rills in softer murmurs flow,
 And brighter blossoms gem the bower.'

The vernal quarter of the present year begins on *Friday, March 20th*, at 11h. 46m. 5s. P. M., at which time I find, from accurate computations, that the face of the heavens, as regards the positions of the planetary bodies, the signs, and some of the most noted fixed stars, will be according to the following delineation, in which I have also inserted the principal aspects:—

If we may judge from planetary configurations, &c. at this ingress, it does not appear that any very striking incidents are likely to take place in the political world during this quarter; nevertheless I augur that the affairs of Europe are not in so calm and quiet a position as they have been for some time past;

and great endeavours will be made tending to a pacific disposition. The sovereigns of this quarter of the world seem pretty well contented with the present state of affairs; and whilst they can raise supplies from their subjects, that they and their minions may roll in splendour and wealth, surely we have just reason to suppose, that the peace of the world will not, for the present, be disturbed by the conflict of armies!

'SCHEMA CÆLI.'



Several denominations of religion are now active. One party at this time is busy in diffusing, by publications and otherwise, telling us that we are on the last crumbling sands of time, and that the second appearance of Christ is at hand, though HE himself has told us, *But of that day and hour knoweth no man, no, not the angels of heaven, but my Father only.* Matt. chap. xxiv. v. 36. They, however, have nothing to fear who worship and adore their Maker, and live at peace with all mankind.

Of the ESTIVAL or SUMMER Quarter.

I find that the Sun will this year reach the apex of his northern spiral of declination on *Sunday*, the 21st of *June*, at 31 min. after 8 in the evening, at which time this quarter begins; when 4° of V° is on the cusp of the ascendant, 10° of M° on the southern

angle. Moreover the planet h occupies the sign $\text{\textit{X}}$, which is wholly included between the cusps of the 2d and 3d mundane houses ; H is in the 3d house, $\text{\textit{Q}}$ the 4th, U and D the 5th, $\text{\textit{Q}}$ and \odot the 6th, and J in the 7th. Also I find at this ingress the sun in $\text{\textit{C}}$ with $\text{\textit{Q}}$; and the latter in Δ with h , while h is in Δ with \odot . The Moon is separating from a zodiacal \square of h , and $\text{\textit{C}}$ with U . — There does not appear to be any thing particularly unpleasant at this Ingress, so far as our own nation is concerned. Nevertheless it will prove to be a season of much excitement from one cause or another. The J of J and h in *August* will be the cause of much contention, as well as affliction, of many *European* nations, which are under the dominion of Q and $\text{\textit{m}}$, such as *Bohemia, France, Russia, Denmark, Lower Sweden, &c.* In some of these kingdoms the signal of war will be exhibited, though, it is to be hoped, no blood will be shed. *Italy* is much threatened with approaching calamities in matters of state and religion ; the *infallible Pontiff of Rome* is at his wits' end how to act ; he both fears and feels his impending fate ; his power over the minds of the people daily declines. The Jesuits, the main prop of Popery, are becoming a scandal and reproach in all nations. Nothing is more certain, than that all the civilised powers of *Europe* are destined sooner or later, and that at no very distant period, to receive a mitigated form of Government. The Sovereigns of *Europe* will act wisely, if they will make a compromise with the spirit of reformation which animates their people ; for if they attempt to extinguish it, the consequence will, in many States, be an immediate and ruinous explosion.

Of the AUTUMN Quarter.

The results of accurate computations show that this division of the year, in the present instance, begins on *Wednesday*, the 23d of *September*, at 31 min. after 10 o'clock in the morning ; at which time 19° of m will be on the ascending cusp, and 8° of mp on the point of culmination. h , lord of the 3d mundane house, is posited therein ; H is in the 5th, U is in the 7th, the glorious planet Venus, lady of the 6th and 11th houses, is on the cusp of the mid-heaven ; \odot , $\text{\textit{Q}}$, and J are also in the 10th, and D in the 11th, very near the cusp of the 12th. Under these circumstances we have U and $\text{\textit{Q}}$ in \square ; D having passed a Δ aspect with h , and approaching the $\text{\textit{X}}$ of $\text{\textit{Q}}$. The reader will perceive that the aspects at this quarter's entrance are only few, but are chiefly of a friendly and peaceable nature ; therefore we may hope, that many of our fellow-countrymen, who have suffered distressing privations, and around whose heads clouds and darkness have rolled for a long period, will now behold brighter days, and their sorrow will be turned into joy. But what means this singular position of four planets near the mid-heaven ? $\text{\textit{Q}}$ is there giving honours

and preferments by women's means! Surely our young and gracious Queen is planning some great benefit for our nation. But what is ♂ doing in ♍, in the 10th house? I trust, not brandishing the sword of war: he forms, however, no aspect with ♀, and being *now* distant, his influence is not strong.

Britons, I trust, will stand aloof from war,
If other nations are inclin'd to jar:
Our pondrous debt, if nothing nobler urge,
Declaims against the use of war's infernal scourge!

The year is now gliding fast away, so are our lives, and the end must come. Locke, that great philosopher and metaphysician, once said to a friend, and his words ought to be regarded by every one of us, "This life is a scene of vanity, that soon passes away, and affords no solid satisfaction, but in the consciousness of doing well, and in hopes of another life. This is what I can say from experience, and what you will find to be true when you come to make up the account." I now conclude, wishing health and happiness to my friends and countrymen; and praying that Heaven may bless our Queen, direct our national affairs, and protect from all the darts of ill our native land.

Oh, wave, HYGEIA! o'er BRITANNIA'S throne
Thy serpent-wand, and mark it for thy own;
Lead round her breezy coasts thy guardian trains,
Her nodding forests, and her waving plains:
Shed o'er her peopled realms thy beamy smile,
And with thy airy temple crown her Isle!

TO THE READERS.

For a century and a half the Almanack of Francis Moore has enjoyed a popularity without example in this kingdom. Although its price has been from time to time enhanced by the imposition of stamp duties, till it arrived at two shillings and three-pence, even this failed to do it any serious injury, because the price of all almanacks was similarly increased. When the tax was taken off in the year 1835, the Stationers' Company immediately reduced the price to sixpence, and the sale advanced beyond that not only of any other almanack, but of any contemporary publication. This unvarying public favour must be chiefly attributed to the remarkable consistency of its principles—having been ever a firm supporter of Religion, Loyalty, and Peace. To make any change, therefore, in the contents of such a work, would be but an ill return for the long continued patronage of the British Public; but it is considered that an addition is not a change which can be objectionable to any. Moore's Almanack has hitherto consisted of forty-eight pages; the Company, how-

ever, have now determined to evince their gratitude, and to deserve such popularity, by the addition of twelve pages, the price continuing as before. While, therefore, the reader will lose nothing of what he has been accustomed to meet with, he will not object to find, henceforth, twelve additional pages, comprising occasional useful Tables and other information in Domestic Economy, Farming, and Gardening, such as, it is hoped, will afford both instruction and amusement. This information it is intended to vary, for the most part, every year; and it is hoped that almost every reader will find something worthy of engaging his attention.

The Property Tax.

This tax having been renewed for at least three years more, the following simple table will give the amount payable on any sum at 7d. in the pound. In the case of farm-rentals, the tenant has to make the return of the amount of rent, on which he pays, for his landlord 7d., and for himself 3½d., or half the amount in the annexed table. Persons returning the profits of trade are not to make deduction from their return on account of the interest of any borrowed capital; but, having included it in their profits, they are to deduct it from the interest, in the same manner as the tenant of a farm deducts it from his landlord.

Income.	Tax.	Income.	Tax.												
£. s. d.															
1 0 7	2 3	0 13	5	15 1	6	3 67	1 19	1	89 2	11 11	11 11	3 4	9	200	5 16 8
2 1	2 24	0 14	0	16 1	6	10 68	1 19	8	90 2	12 6	11 2 3	5 4	4	300	8 15 0
3 1	9 25	0 14	7	17 1	7	5 59	2 0	3	91 2	13 1	11 3 3	5 11	4	400	11 13 4
4 2	4 26	0 15	2	18 1	8	0 70	2 0	10	92 2	13 8	11 4 3	6 6	6	500	14 11 8
5 2	11 27	0 15	9	19 1	8	7 71	2 1	5	93 2	14 3	11 5 3	7 1	1	600	17 10 0
6 3	6 28	0 16	4	50 1	9	2 72	2 0	9	94 2	14 10	11 6 3	7 8	8	700	20 3 4
7 4	1 29	0 16	11	51 1	9	9 73	2 2	7	95 2	15 5	11 7 3	8 3	3	800	23 6 8
8 4	8 30	0 17	6	52 1	10	4 74	2 3	2	96 2	16 0	11 8 3	8 10	10	900	26 5 0
9 5	3 31	0 18	1	53 1	10	11 75	2 3	9	97 2	16 7	11 9 3	9 5	5	1000	29 3 4
10 5	10 32	0 18	8	54 1	11	6 76	2 4	4	98 2	17 2	12 0 3	10 0	0	2000	58 6 8
11 6	5 33	0 19	3	55 1	12	1 77	2 4	11	99 2	17 9	12 1 3	10 7	7	3000	87 10 0
12 7	0 34	0 19	16	56 1	12	8 78	2 5	6	100 2	18 4	12 2 3	11 2	4	4000	116 13 4
13 7	7 35	1 0	5	57 1	13	3 79	2 6	1	101 2	18 11	12 3 11	9 9	5000	145 16 8	
14 8	2 36	1 1	6	58 1	13	10 80	2 6	8	102 2	19 6	12 4 3	12 4	4	6000	175 0 0
15 8	9 37	1 1	7	59 1	14	5 81	2 7	3	102 3	0 1	12 5 3	12 11	11	7000	204 3 4
16 9	4 38	1 2	2	50 1	15	6 82	2 7	10	104 3	0 8	13 0 3	15 10	10	8000	233 6 8
17 9	11 39	1 2	9	51 1	15	7 83	2 8	5	105 3	1 3	14 0 4	1 8	9000	262 10 0	
18 10	6 10 1	3	4	52 1	16	2 84	2 9	0	106 3	1 10	15 0 4	7 6	10000	291 13 4	
19 11	1 11 1	3	11	53 1	16	9 85	2 9	7	107 3	2 5	16 0 4	13 4	4	20000	583 6 8
20 11	8 12 1	4	6	54 1	17	4 86	2 10	2	108 3	3 0	17 0 4	19 2	30000	875 0 0	
21 12	3 43 1	5	1	55 1	17	11 87	2 10	9	109 3	3 7	18 0 5	5 0	40000	1166 13 4	
22 12	10 44 1	5	8	56 1	18	6 88	2 11	4	110 3	4 2	19 0 5	10 10	50000	1458 6 8	

Recent Regulations respecting Wills.

It is now absolutely necessary that all Wills made since December, 1837, and to be made hereafter, should have certain formalities strictly attended to, or the Will is void.

The Will must be signed at the foot or end of it by the Testator, or by some other person in his presence, and by his direction.

The signature must be made or acknowledged by the Testator, in the presence of *two* or more witnesses present at the same time.

The witnesses must attest and subscribe the Will in the presence of the Testator ; it is absolutely necessary that it be done in his presence.

It will then be sufficient for the passing of real or personal property, or both.

Note.—The whole of the above ceremonies will be required whether the Will contain the most trifling gift, or disposes of property of the first magnitude.

And note further.—A gift to an attesting witness, or to the wife or husband of an attesting witness, is void ; therefore neither a legatee, nor the wife nor husband of a legatee, should be made an attesting witness to the Will.

No particular form of attestation is necessary ; but the following may be used. If used, it must be copied and written at the end of the Will, below the signature of the Testator.

“ Signed by the said A. B. [the Testator], in the presence of us, present at the same time, who in his presence have subscribed our names as Witnesses.”

The Testator should appoint one or more Executors.

If, after the execution of the Will, any alteration be made in it, by obliteration, interlineation, or otherwise, care must be taken that such alteration be executed in like manner as the Will itself. And it will be desirable also that the names of the Testator and witnesses be written on the margin of the Will, opposite every such obliteration, interlineation, or other alteration.

Wills may at any time be revoked ; but Wills made by single persons or widowers are absolutely void on their marriages after the date of the Wills : but such Wills may be re-executed by new delivery with two attesting witnesses, or by a Codicil similarly executed, expressive of the Testator's wish to carry into effect the provisions of the original Will.

N.B.—No person who is under twenty-one can make a Will.

Landlord and Tenant.

Every Tenant of premises from year to year, or where no certain time is specified, is bound to give his Landlord *half a*

year's notice; and this notice *must* be so given as to expire on the same quarter-day as that on which he took possession. When notice is given improperly on either side, as a quarter where half a year is necessary, or up to a wrong time, such improper notice should be objected to as soon as possible; for if no objection be made to a notice, although wrongful, within a reasonable time, such notice may be deemed binding on the party accepting it.

If a Landlord covenant to repair a house, and neglect or refuse to do so, the Tenant may make all necessary repairs, and deduct the expenses out of rent. If he accept the last quarter's rent, when there are arrears due on a former quarter, it may be taken as an acknowledgment that no former rent was owing at the time.

The same law holds with regard to Lodgers, as to the payment of rent, on turning them out of possession: where lodgings are taken for a certain term *only*, no notice is necessary; but if the Tenant goes on, he is in the same situation as if no definite term had been originally mentioned.

Duties of Churchwardens.

Churchwardens are chosen annually, on March 28, or within fourteen days after, either by the minister, the parish, or both together, as custom or statute directs. It is not uncommon for those in office to nominate two to succeed them; but this mode, though customary, is not necessary. The regular mode of proceeding is by poll, or by a select vestry, if there be one.

Until a Churchwarden has taken the oath of office, at the next visitation after the election, he cannot act in his official capacity, nor have any power to make or levy any rate, or reimburse himself for any money he has advanced to the parish, or to do any other act in virtue of his parochial functions. Generally speaking, all the rated inhabitants of the parish are liable to serve the office, except peers and members of parliament, clergymen, barristers, attorneys, physicians, surgeons, aldermen, officers of the customs, and other persons whose avocations require constant personal attendance; aliens, papists, Jews, dissenting preachers, and persons living out of the parish, are disqualified. The duties of the office, where there is no local act to interfere, are to bind out poor children as apprentices; to collect and disburse assessments made by the parishioners for the repairs of the church; to keep the keys of the belfry, and take care that the bells are rung only on proper occasions; during a vacancy of the benefice they are to observe that the church is properly aired and kept clean and in good repair; to provide all requisites for the communion service, christenings, and other ceremonies; to prevent indecent or disorderly behaviour at church, for which purpose they may, with-

out being guilty of an assault, take off a person's hat, or even turn him out of the church ; to maintain a due observance of the Lord's Day by shopkeepers and others, and to prevent all tippling in ale-houses during the hours of Divine Service ; to assist the overseers in making out the list of persons qualified to serve on juries ; to cause dead human bodies cast on shore to be decently interred ; to apprehend and secure lunatics and insane persons ; to see that the parson does his duty according to the rites of the Church of England ; and to see that the minister enters, in the parish register, all weddings, christenings, and burials ; and to give public and proper notice to the parishioners of the holding of vestries.

The Churchwardens may bring an action, in their joint names, against any person causing damage to the organ, bells, parish books, surplice, and chalice, having especial property in them. In most places they have the ordering and allotting of pews, which may be said to be the common property of the parishioners. But the rector and churchwardens, collectively, have not the legal right to dispose of them without consent of the ordinary. Every churchwarden, except such as are appointed under the provisions of 8 and 9 Vict. c. 70, is an overseer of the poor by 43 Eliz. c. 2. Under the Church Building Act, 58 Geo. III. c. 45, two churchwardens of each new church, under the act, are to be chosen,—one by the incumbent, one by the parishioners.

Advice on the Use of Spectacles.

Do not adopt spectacles either unnecessarily or too soon. When, in reading small print, or threading a needle, it becomes necessary to bring them near the candle, or beyond it, the eyes require the assistance of glasses, and will be injured without them. Take great care, however, not to begin with such as magnify too much, or are what are called old sights ; but advance gradually as the vision becomes more defective, or it will be irreparably injured. If your sight has been a natural one, and you have not waited too long before taking to glasses, you will find a focus of 36 inches proper to commence with ; from that you descend to 30, 24, 20, 18, 16, and so downwards to 10. If this gradation be attentively followed, the sight may be preserved till an extreme age. Do not, therefore, precipitate these changes, lest you outrun the resources of art, and find your sight irretrievably impaired. Be careful to buy your spectacles of regular opticians, not of itinerant vendors : nowhere are they made better than in England ; and the scientific optician will not only supply you with a good article, but will adapt it properly to your sight in the first instance, which is of great importance.

Expenses of Witnesses.

To indemnify witnesses for their expenses and loss of time, when summoned on trials of civil actions, the following allowances are made :—

	s.	s.
Travelling expenses, per mile, one way,		1
Journeymen, Labourers, &c., while detained, per day	from 5 to 15	
Tradesmen, Yeomen, Farmers, while detained, per day	— 10 to 15	
Merchants, Gentlemen, Auctioneers, Accountants, Clerks, (if residing in London, and the trial there)	21	
If at assizes	21	
Professional Men, per day	from 21 to 42	
Attorneys' Clerks, per day	— 15 to 20	
Females, according to rank, per day	— 5 to 20	

Precautions against Fire, Contagion, and Lightning.

FIRE. All windows and doors connected with the apartment should be instantly closed, and remain so till water can be procured. If the clothes of a female or child take fire, cover up the person in a blanket, hearth-rug, carpet, or any woollen substance that is at hand : whether such can be obtained or not, let her roll on the carpet or floor ; but on no account run about the room, as every motion in an upright posture increases the flames. In case of the danger of escape being extreme, do not, to use a common expression, “throw yourself” out of the window ; but suspend your body outside by holding the sill of the window, and drop from it : thus the depth of descent is lessened, and the violence of the fall also ; besides that it gives to the bystanders below a chance of preparing to catch you.

CONTAGION. Fumigate the apartments in the following manner :—Take of powdered manganese two parts, two of common salt, three of sulphuric acid, and one of water. Put the manganese and salt into an earthen vessel in the room or building to be purified, then pour upon it slowly the sulphuric acid, and then the water : thus fumes will ascend in abundance. If you cannot procure manganese, the other articles will do without it ; and by putting some fire under the vessel, the fumes will be increased. This will be of use in summer-houses, and other places where there is not a free admission of air. But it should be remembered that contagious fevers originate greatly in the want of good drainage ; and it is of the utmost importance to health that this should be attended to.

LIGHTNING. If out of doors, by no means run to a tree, a hayrick, or a building, as is usual, for the sake of shelter from rain : the middle of a field is the best place. In a room, take a

seat in the centre, away from the window, fire-place, bell ropes, &c.; as metallic articles of every sort should be avoided, so also lakes, and large collections of water. Timid persons, however, may be assured that there is no personal danger, except when the thunder follows closely on the flash of lightning.

Cultivation of Potatoes.

As this important vegetable is too frequently cultivated in a very careless manner, the following hints may be useful to many persons, particularly to private and cottage gardeners. The ground should be well dunged; but the practice of placing the dung in the furrow, and the sets immediately upon it, or covering the sets with the dung, is not found best, after repeated experiments. The best way is to mix up the dung well with the earth before laying the sets. Each row should be twenty-four inches apart, each set in the row nine inches, and the covering of earth over the sets about seven inches. Some persons are satisfied with placing their rows eighteen or twenty inches apart; but let the planter be assured that, in this economy of ground, he will use more sets, and obtain a less produce. It is a bad plan to cut the potatoes into sets several days before they are planted; the fresher they are the better. If the cottager has no stable-dung, he will probably have a pigsty and some poultry. The cleanings and droppings from these, mixed with a little road sand or drift, will form a very good manure. In earthing up, while the plants are young, the earth should encroach as little as possible on the leaves; but when the stems are grown, and more foliage produced, a little encroachment by the earth on the lower leaves will not be injurious. The sides of the ridges should be convex rather than concave or straight, in order to leave room for the growth of the tubers without being uncovered. There has been much discussion of late, and many experiments have been made, to prove whether the pinching off the potato blossoms previous to their forming seed, does or does not increase the quantity of fruit at the roots. The preponderance, however, is in favour of this operation; but it is suggested that the true method is to take off about half the blossoms only from each plant. Thus, while you prevent too large a portion of the strength of the plant from being exhausted by the formation of seed, you do not wholly counteract the objects of nature. As in the late season, 1845, a very serious disease attacked the potatoes in the ground, particularly in the south and west of England, arising probably from the excess of cold and damp, it is recommended to all persons residing in parts visited by this disease or murrain, to procure their potatoes for planting in the ensuing spring from distant parts not at all affected, also not to use the same ground; but if this cannot be avoided, to plough deep and turn up the

ground long before planting, in order that any infected tubers, which may have been left behind, may be effectually destroyed. If any person, having infected potatoes, should think fit to feed pigs with them, he should have them pared first, and then partly boiled, thus lessening the chance of their doing mischief. This very alarming disease at present perplexes most cultivators : experience and experiment will probably elucidate it ere long ; but as its continuance and increase would be one of the greatest scourges which could afflict this land, nothing in the shape of useful advice can be considered as thrown away. Mr. Hera-path, the eminent practical chemist, has made the following remarks :—“ My attention has been given to the disease which has shown itself so extensively amongst the growing potatoes. I find, in almost every instance, that the epidermis of the stalk below the surface of the ground is more or less in a state of decay, often disintegrated, and completely rotten ; the leaves and branches accord with that part of the stalk below the ground. The tuber beneath the outer skin is first spotted brown, like a bruised apple ; these spots extend and penetrate towards the centre, quite changing the nature of the potato. Those near the surface are most injured ; in some cases the lowest on the root are not at all affected, while the upper ones are useless. I should therefore expect that the longer the crop remains in the land, the greater the injury will be. It seems, from the microscopic appearances, that the starch escapes injury for a long time after the cellular parts are gone ; and as the whole of the nutritive powers of the potato reside in the starch, I should recommend that, wherever the disease has shown itself to any extent, the crop should be dug, whether ripe or not, and the starch extracted by the following simple process :—

“ After washing the roots, let them be rasped fine, and thrown into a large tub or earthen vessel ; pour in a considerable quantity of water, and well agitate and rub the pulp with the hands ; all the starch will, from its great weight, fall to the bottom, while the skin and fibrous matter will be carried away by the water ; wash the starch with one or two more waters, allowing it to fall after each washing ; spread it upon cloths in a warm room to dry. In this way about 20lbs. or 21lbs. will be obtained from every 100lbs. of potatoes, and it contains as much nourishment as the original roots ; it will keep any length of time, and might be used with flour to make bread, pies, puddings, &c., as well as farinaceous spoon-meat. This is much better than throwing away the diseased root, and would furnish food for thousands who might otherwise want it.”

The Corn Moth.

This insect does immense injury to corn stored up in granaries. The moths appear in May, June, and July, and the female

lays one or two yellowish-white eggs, of an oval shape, on each grain of corn. In a few days the eggs are hatched, and small white maggots produced, which immediately eat into the grain, closing the opening with their excrement, which is glued together by a fine web. In August and September, when fully grown, these maggots leave the corn, and seek a place convenient for their undergoing their transformation into the pupa state. At this time the crevices of the floor, walls, and roof of a granary are full of these insects ; they gnaw the wood into fine chips, and make themselves a cocoon or pupa-case, in which they remain during the winter, till they undergo their final change, and appear as small whitish moths, more or less spotted with black or brown. It is when in the pupa state that they are most easily destroyed ; and they should be every where sought for in the cracks of the floor, and in the small openings of the wall or roof ; and all cocoons found should be immediately burnt ; or, directly that the cocoons are discovered, the boards on which they have located themselves should be well washed with a saturated solution of corrosive sublimate. Bats, birds, and spiders, are enemies of the common moth, and should be encouraged in the neighbourhood of granaries rather than destroyed.

The Cabbage Moth.

During the months of May and June attention should be paid to the destruction, in gardens, of two large moths, one called the cabbage moth (*Mamestra Brassicæ*), the other the white-line brown-eyed moth (*Mamestra Oleracea*), as the larvæ of these insects are most destructive to cabbages, cauliflowers, and broccoli. The extended wings of the former are about $1\frac{1}{2}$ inch across ; they are light brown, variously marked with waved bands and stripes, and have, near the centre of the upper wings, two large spots, one blackish, the other grey. The caterpillar appears in July, and is very destructive. The white-line brown-eyed moth is of a dark rusty-brown colour, about the same size as the former. The upper wings have a round darkish spot in the centre, with a white margin, and an orange-coloured kidney-shaped spot near it. Near the edge of the wings is a white stripe. When the caterpillars appear, the only way to lessen their numbers is to hand-pick and destroy them. The destruction of the moths in May and June is the effectual prevention.

Seeds.

The time which seeds may be safely kept without losing their vitality is a matter of great importance, but too little attended to. The following list, derived from the experience of Mr. Loudon, will be found valuable to every gardener :—

Peas, beans, kidney-beans, carrot, parsnip, rhubarb—should not exceed one year.

Radish, salsaify, scorzonera, purslane, cardoon, alisander, love-apple, capsicum—will keep two years.

Secale, artichoke, lettuce, marigold, rue, rosemary—three years.

Brassicæs, skirret, spinach, asparagus, endive, mustard, tarragon, borage—four years.

Burnet, sorrel, parsley, dill, fennel, chervil, hyssop—five or six years.

Beet, celery, pompon, cucumber, melon, tobacco—may be safely kept ten years.

With regard to the depth at which seeds may be sown, the following require the slightest possible covering of soil : viz. those small seeds which vegetate quickly, as turnips, radishes, and all the cabbage tribe ; also such as are capable of floating in the air, being furnished with wings or down, as carrots, lettuce, &c. Some seeds will spring from a considerable depth, as peas and beans ; and therefore, being placed rather deep, are out of the way of birds. The seeds saved for planting should always be the finest produced by the plant, not the whole taken promiscuously. An experiment with beans and peas, by taking the longest and most productive pods, has been found successful in producing the next year pods still longer and more productive. The same consequence would doubtless follow with wheat and barley, if the largest and most productive ears were selected for the purpose of the next year's sowing ; and probably a considerable improvement in the grain attained.

The following little table may be a useful guide to the cottager in purchasing his seed. By guess-work he may buy more than he wants ; and it would be much better to spend the extra money in obtaining the best in quality, which is of the first importance :—

1 Pint of Dwarf Kidney-		1 Pint Dwarf Marrow .	1720
Beans contains . . .	750	1 — Victoria Peas . .	1236
1 — Scarlet Runners .	264	1 — Early Warwick .	2100
1 — Longpod Beans .	200	1 — Prussian Blue Peas	1210
1 — Windsor Beans .	170	1 — Scimitar	1209
1 — Green longpod Beans	234	1 Oz. Onion Silver-skin- ned	7600
1 — Knight's Wrinkled Peas	1594	1 — Parsley . . .	16,200
		1 — Salmon Radish .	1950

Experience and attention will soon enable him to add usefully to this list ; but in all cases the number will vary slightly, according to the season and soil producing them.

An easy mode of Cultivating Strawberries.

Let the beds alone, neither thinning, transplanting, nor cutting away the runners. At the beginning of the winter

cover the beds with straw : the young runners will kill the old roots, and thus leave a layer of nutritive manure. Early in the spring, and as soon as the plants show signs of growth, mix the following articles with sixty gallons of water :—namely, one pound each of Epsom salts, of Glauber salts, of pearl-ash, and of carbonate of soda, and half a pound of muriate of ammonia. Apply this mixture with the watering-pot, but without the rose ; three liberal applications, at intervals of a week, will probably be sufficient, but not to be used after the blossoms have begun to appear. It will however be useful to use plain water frequently afterwards. Of course the quantity of mixture required will be in proportion to the size of the bed ; but three liberal waterings may be considered sufficient.

Winter Food for Bees.

In February bees begin to recover from their torpid state. When this takes place, if there is reason to suspect that the hive is weak, and in need of support, they should be fed occasionally. The best thing to give them is a mixture made of a pint of ale with a pound of sugar and about half an ounce of salt ; the whole boiled together and skimmed. When cold, it will have the consistency of honey. It should be given occasionally, in a shallow plate, with some short clean straw or very small twigs laid across it, before it is put into the hive. It should be given at night, and taken away in the morning ; and as soon as it is found that little or none is consumed, desist from giving it.

The Poultry Yard.

It should have, if possible, an open exposure to the south, and be perfectly dry, moisture of any sort being injurious to non-aquatic birds ; and poultry suffer more from a wet winter, though mild, than from one intensely cold, if it be clear and dry. If the ground is wet, the foundation should be thoroughly drained, and the surface hardened, to render it sound, with a thick stratum of well-rammed bricklayers' rubbish, or broken lime-stones, mixed with small sandy gravel, over which pounded oyster-shells and egg-shells, or bones coarsely powdered, should be spread. But it should never be paved with flags or pantiles, which would prevent the fowls from scratching the ground and picking those calcareous matters which are necessary to their health and the formation of their eggs. The yard should be sloped, to carry off the rain, and should contain an open covered shed, to afford occasional shelter to the fowls, which seldom seek their night abode during the day, except for the purpose of laying their eggs. The shed is also requisite for the purpose of keeping dry sand, small cinders, lime, and ashes, either in small heaps or pits, for the use of common fowls in scouring their feathers from the lice to which they are subject—a process in

which they delight, by rolling themselves in the heaps, as in a sort of dry bath. If the shed covers the litter removed from the horses' stable, it will also be useful, as the warmth which their crouching in it imparts to them, is not only agreeable, but healthful ; and they pick up many grains of corn which would otherwise be lost.

Points of a Good Cow.

She's long in the face, she's fine in the horn ;
 She'll quickly get fat, without cake or corn ;
 She's clean in her jaw, and full in her chine ;
 She's heavy in flank, and wide in her loin ;
 She's broad in her rib, and long in her rump,
 A straight and flat back, with never a bump.
 She's wide in her hips, and calm in her eyes ;
 She's fine in her shoulders, and thin in her thighs ;
 She's light in her neck, and small in her tail ;
 She's wide in her breast, and good at the pail ;
 She's fine in her bone, and silky of skin ;
 She's a grazier's without, and a butcher's within.

Cutting of Grass and Wheat.

Among the many evils arising from the too great economy of labour, practised by farmers, is that of suffering the harvesting of one crop to press too closely on that of another, and thereby suffering the whole to get too ripe before cutting. The habit of letting the grass remain until it is full ripe, not only is injurious to the after-grass, and is the cause of its being necessarily got in too hurriedly, but it employs all hands when they should be beginning with the wheat crop. This should be cut comparatively green, that is, at least ten days earlier than it usually is ; the seed would perfect its ripening and hardening in the sheaves, and very little, if any, would be lost by scattering in the field. It has been proved, not only that the raw wheat produced more flour than the ripe by more than 6lbs. per bushel, and that there was a greater produce of from five to eight per cent. ; but also, the quality having been tried by analysis, it has been found to contain more gluten.

To make Yeast.

Put a gallon of ground malt into a wooden vessel, and pour on it three gallons of water, short of boiling, say 190° ; stir the mixture frequently, and cover with a cloth. In two hours strain the liquor from the malt, and boil it for three hours ; when nearly cold, say at 65° , add not quite half a pint of the best yeast, which must be well incorporated with it ; keep the vessel in a moderately-warm situation, covered with a cloth. Fermentation soon takes place, and in a few days the liquor may be

poured off, and the yeast at the bottom collected and preserved in bottles. In making a fresh quantity, which may be done at any time, some of this yeast may be used to mix with it, instead of the bitter yeast which probably was used before.

Prognostics of approaching Rain.

The hollow *winds* begin to blow,
The *clouds* look black, the *glass* is low,
The *soot* falls down, the *spaniels* sleep,
And *spiders* from their cobwebs creep.
Last night the *sun* went pale to bed;
The *moon* in halos hides her head.
The boding shepherd heaves a sigh,
For see a *rainbow* spans the sky!
The *walls* are damp, the *ditches* smell;
Closed is the pink-eyed *pimpernel*.
Hark, how the *chairs* and *tables* crack!
Old Betty's joints are on the rack;
Loud quack the *ducks*, the *peacocks* cry;
The distant *hills* are looking nigh.
How restless are the snorting *swine*!
The busy *flies* disturb the *kine*;
Low o'er the grass the *swallow* wings;
The *cricket*, too, how sharp he sings!
Puss on the hearth, with velvet paws,
Sits wiping o'er her whisker'd jaws;

Through the clear stream the *fishes* rise,
And nimbly catch th' incautious flies;
The *glow-worms*, numerous and bright,
Illumed the dewy dell last night;
At night the squalid *toad* was seen
Hopping and crawling o'er the green;
The *whirling wind* the dust obeys,
And in the rapid eddy plays;
The *frog* has changed his yellow vest,
And in a russet coat is dress'd.
Though June, the air is *cold, yet still*;
The *blackbird's* mellow voice is shrill;
My *dog*, so alter'd is his taste,
Quits mutton bones, on grass to feast.
And see yon *rooks*, how odd their flight!
They imitate the gliding kite,
And seem precipitate to fall,
As if they felt the piercing ball:
'Twill surely rain; I see with sorrow,
Our jaunt can not take place to-morrow.

INTEREST TABLE.

BY THE FOLLOWING TABLE THE INTEREST OF £100, AT ANY RATE, AND FOR ANY TIME, MAY BE READILY FOUND.

Days.	3 per Cent.			3½ per Cent.			4 per Cent.			4½ per Cent.			5 per Cent.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1	0	0	1 ³ ₄	0	0	2 ¹ ₂	0	0	2 ¹ ₂	0	0	3	0	0	3 ¹ ₄
2	0	0	3 ¹ ₂	0	0	4 ¹ ₂	0	0	5 ¹ ₂	0	0	6	0	0	6 ¹ ₂
3	0	0	5 ¹ ₄	0	0	6 ³ ₄	0	0	7 ³ ₄	0	0	8 ³ ₄	0	0	9 ³ ₄
4	0	0	7 ³ ₄	0	0	9	0	0	10 ¹ ₂	0	0	11 ¹ ₄	0	1	1
5	0	0	9 ¹ ₂	0	0	11 ¹ ₂	0	1	1 ¹ ₄	0	1	2 ¹ ₂	0	1	4 ¹ ₄
6	0	0	11 ¹ ₄	0	1	1 ³ ₄	0	1	3 ³ ₄	0	1	5 ¹ ₄	0	1	7 ¹ ₂
7	0	1	1 ¹ ₄	0	1	4	0	1	6 ¹ ₄	0	1	8 ¹ ₄	0	1	11 ¹ ₂
8	0	1	3 ¹ ₂	0	1	6 ¹ ₄	0	1	9	0	1	11 ¹ ₄	0	2	2 ¹ ₄
9	0	1	5 ³ ₄	0	1	8 ¹ ₂	0	1	11 ¹ ₂	0	2	3 ¹ ₂	0	2	5 ¹ ₂
10	0	1	7 ¹ ₂	0	1	11	0	2	4 ¹ ₂	0	2	5 ¹ ₂	0	2	8 ¹ ₄
20	0	3	3 ¹ ₄	0	3	10	0	4	6 ¹ ₂	0	4	11 ¹ ₂	0	5	5 ¹ ₄
30	0	4	10	0	5	9	0	6	9 ³ ₄	0	7	4 ¹ ₂	0	8	2 ¹ ₂
40	0	6	6 ³ ₄	0	7	8	0	8	0	0	9	10 ¹ ₄	0	10	11 ¹ ₂
50	0	8	2 ¹ ₂	0	9	7	0	10	10 ¹ ₂	0	12	3 ³ ₄	0	13	8 ¹ ₄
60	0	9	10 ¹ ₄	0	11	6	0	13	6 ¹ ₂	0	14	9 ¹ ₂	0	16	5 ¹ ₄
70	0	11	6	0	13	5	0	15	4	0	17	3 ¹ ₄	0	19	2
80	0	13	1 ³ ₄	0	15	4	0	17	6 ¹ ₂	0	19	8 ¹ ₄	1	1	11
90	0	14	9 ¹ ₂	0	17	3	0	19	8 ¹ ₂	1	2	2 ¹ ₄	1	4	7 ³ ₄
100	0	16	5 ¹ ₂	0	19	2	1	1	11	1	4	8	1	7	4 ² ₄
200	1	12	10 ¹ ₂	1	18	4 ¹ ₂	2	3	10	2	9	3 ³ ₄	2	14	9 ¹ ₂
300	2	9	3 ³ ₄	2	17	6 ¹ ₄	3	5	9	3	13	11 ¹ ₄	4	2	2 ¹ ₄

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